

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1259419  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1259419

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	Bushton 1-36
Doc ID	1259419

All Electric Logs Run

Neutron Density
Induction
Micro
Sonic





PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	05/06/2015
<b>INVOICE NUMBER</b>			
<b>91802866</b>			

Pratt (620) 672-1201  
 B CMX INC  
 I 1700 N WATERFRONT PKWY BLDG 300 STE B  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Bushton 1-36  
 O LOCATION  
 B COUNTY Ellsworth  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40838662	27463		Net - 30 days	06/05/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 05/04/2015 to 05/04/2015</b>				
0040838662				
171811960A Cement-New Well Casing/Pi 05/04/2015 Cement 8 5/8 Surface				
60/40 POZ	235.00	EA	5.40	1,268.90 T
Celloflake	59.00	EA	1.66	98.23 T
Calcium Chloride	609.00	EA	0.47	287.73 T
*Wooden Cmt Plug, 8 5/8***	1.00	EA	71.99	71.99
*Unit Mileage Chg (PU, cars one way)	65.00	MI	2.02	131.62
Heavy Equipment Mileage	130.00	MI	3.37	438.72
*Proppant & Bulk Del. Chgs., per ton mil	660.00	EA	1.12	742.45
Depth Charge; 0-500'	1.00	EA	449.97	449.97
Blending & Mixing Service Charge	235.00	BAG	0.63	148.04
Plug Container Util. Chg.	1.00	EA	112.49	112.49
*Service Supervisor, first 8 hrs on loc.	1.00	EA	78.74	78.74

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,828.88
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	118.32
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,947.20
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 11960 A

36-175-10W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 5-4-15 DISTRICT Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER CMX INC		LEASE Bushy Well NO. 1								
ADDRESS		COUNTY Ellsworth STATE KS								
CITY STATE		SERVICE CREW Matral, McGraw, Ernst								
AUTHORIZED BY		JOB TYPE: CW 8 5/8 SURF.								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
27463	.5						5-4-15			11:40
						ARRIVED AT JOB				2:00
19918	.5					START OPERATION				3:50
						FINISH OPERATION				4:15
						RELEASED				5:00
						MILES FROM STATION TO WELL				65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 Puz	SK	235		2,820 00
CC102	Cellofix	lb	59		218 30
CC109	Calcium Chloride	lb	609		639 45
CF155	WOODEN PLUG 8 5/8	ea	1		160 00
E100	P.M. MIL.	mi	65		292 50
E101	HEAVY EV MIL.	mi	130		975 00
E112	PROP + BULK P.L.	TN	660		1,649 38
CE200	DEPTH CHARG. 0-500'	Yd.	1		1,000 00
CE240	Blend + mix	SK	235		329 00
CE500	PLUG CONTAINER	JOB	1		250 00
5003	SHOULDER	ea	1		175 00

SUB TOTAL 8,508 63

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	

TOTAL 3,828 88

DISCOUNT FOR [Signature]

SERVICE REPRESENTATIVE Mike Matral	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
------------------------------------	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer	CMX inc	Lease No.		Date	5-4-14			
Lease	Bughton	Well #	1-36					
Field Order #	11466	Station	Pratt	Casing	8 7/8	Depth	354.32	
Type Job	CMW 8 7/8 SURFACE		Formation		County	Ellsworth	State	KS
						Legal Description		36-175-10W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size	8 7/8	Tubing Size		Acid	CMF 235 SK	RATE	60/40 P02	PRESS	370 cc / min
Depth	354.32	From		Pre Pad		Max		ISIP	5 Min.
Volume	2.5	To		Pad		Min			10 Min.
Max Press	300	From		Frac		Avg			15 Min.
Well Connection	PC	To				HHP Used		Annulus Pressure	
Plug Depth	354.32	From		Flush	21.2	Gas Volume		Total Load	
		To							

Customer Representative	Leah K...	Station Manager	Kevin Gordley	Treater	Mike Marru
Service Units	37586	27463	19826	19918	
Driver Names	MARRU	McGr...	ERNST		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					ON LOCATION / SAFETY MEETING
2:00					Run 8 7/8 24" CASING
3:30					CASING ON BOTTOM
3:35					Hook TO CSNG. / Break circ w. Rig
3:54	200		3	5	PUMP 3 bbl water
3:55	200		51		MIX 235 SKS 60/40 P02
4:06	-		-	-	release plug
4:10	200		<del>21.2</del>	5	START DISPLACEMENT
4:15	250		21.2	-	Plug DOWN, shut in well

10 BBL CMF TO PT

JOB COMPLETE  
 THANK YOU!  
 Mike Marru  
 Mike + Shawn



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	05/13/2015
<b>INVOICE NUMBER</b>			
<b>91806841</b>			

Pratt (620) 672-1201  
 B CMX INC  
 I 1700 N WATERFRONT PKWY BLDG 300 STE B  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Bushton 1-36  
 O LOCATION  
 B COUNTY Ellsworth  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE	
40840344	19843		Net - 30 days	06/12/2015	
<b>For Service Dates: 05/12/2015 to 05/12/2015</b>					
0040840344					
171812259A Cement-New Well Casing/Pi 05/12/2015 Cement 5 1/2" Longstring					
AA2 Cement		165.00	EA	7.65	1,262.20 T
60/40 POZ		50.00	EA	5.40	269.99 T
C-41P		32.00	EA	1.80	57.60 T
Salt		766.00	EA	0.22	172.34 T
Cement Friction Reducer		47.00	EA	2.70	126.90 T
FLA-322		78.00	EA	3.37	263.24 T
Mud Flush		500.00	EA	0.67	337.49 T
Gilsonite		828.00	EA	0.30	249.63 T
"Latch Down Plug & Baffle, 5 1/2" (Blue)"		1.00	EA	179.99	179.99
"Cmt. Shoe Packer Type, 5 1/2" (Blue) "		1.00	EA	1,259.95	1,259.95
"Turbolizer, 5 1/2" (Blue)"		10.00	EA	49.50	494.98
"5 1/2" Basket (Blue)"		1.00	EA	130.50	130.50
"Unit Mileage (Chg (PU, cars one way)"		65.00	MI	2.02	131.62
Heavy Equipment Mileage		130.00	MI	3.37	438.73
"Proppant & Bulk Del. Chgs., per ton mil		647.00	EA	1.12	727.85
Depth Charge; 3001-4000'		1.00	EA	971.96	971.96
Blending & Mixing Service Charge		215.00	BAG	0.63	135.44
Plug Container Util. Chg.		1.00	EA	112.50	112.50
"Service Supervisor, first 8 hrs on loc.		1.00	EA	78.75	78.75

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>7,401.66</b>
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	<b>TAX</b>	<b>195.87</b>
PO BOX 841903	801 CHERRY ST, STE 2100	<b>INVOICE TOTAL</b>	<b>7,597.53</b>
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		





# BASIC

ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 12259 A

36-175-10W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 5-17-2015 DISTRICT Prct, KS		NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER G.M.X. Inc		LEASE Bushon			WELL NO. 136			
ADDRESS		COUNTY Ellsworth		STATE KS				
CITY STATE		SERVICE CREW Devin, Ed, Flan						
AUTHORIZED BY		JOB TYPE: CNW/ 5 1/2 Longstrings						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 5/12 AM/PM	TIME 3:30
19843	4					ARRIVED AT JOB	5/12 AM/PM	6:30
19918	4					START OPERATION	5/12 AM/PM	11:00
						FINISH OPERATION	5/12 AM/PM	11:30
						RELEASED	5/12 AM/PM	12:00
						MILES FROM STATION TO WELL	78	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Karl Burt*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AP2 Cement	SK	165		2,805 00
CP103	60/110 POZ	SK	50		600 00
CC105	C-41P	Lb	32		128 00
CC111	SSIT	Lb	766		383 00
CC112	Cement Ferron Reducer	Lb	47		282 00
CC129	FLA 322	Lb	78		385 00
CC201	G.1SONIZE	Lb	828		554 76
CF607	Log on Down Plus 2 Baffle, 5/8 (Blue)	FS	1		400 00
CF1051	Cementing Shoe Packer Type, 5/8 (Blue)	FS	1		2,800 00
CF1651	Turboliner, 5/8 (Blue)	FS	10		1,100 00
CF1901	5/8 Baffle (Blue)	FS	1		290 00
CC151	mud flush	GSI	500		750 00
F100	un. misses chesse. Dickson Shells 1250000	M	65		292 00
F101	Tracy Treatment Misses	M	130		975 00
F117	Dickson + snb Bullk Delivery chesse, Dickson	In/M	647		1,616 88
CF1001	Dickson Chesse, 3001 4000	4hr	1		2160 00
CF2110	Blends mixing barrel chesse	SK	215		301 00
CF304	Plus container UT 1251 on chesse	Jch	1		250 00
5003	Service Supervisor, Price 8 hrs on loc	FS	1		175 00

SUB TOTAL 16,448 14

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		7,401 66

SERVICE REPRESENTATIVE <i>Devin K. ...</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <i>Karl Burt</i>
--	---

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

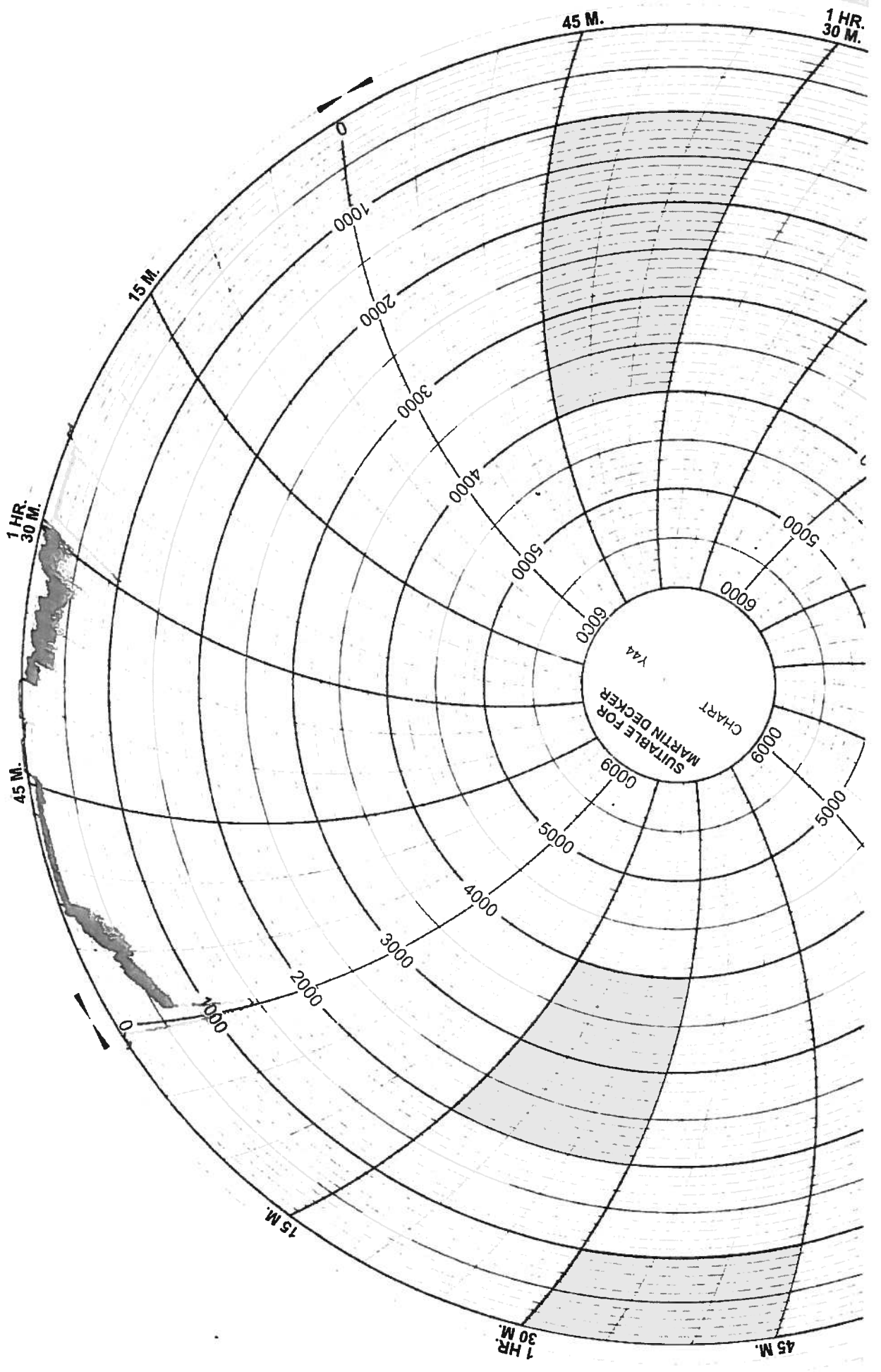
FIELD SERVICE ORDER NO.

Customer <b>CMX, Inc</b>	Lease No.	Date <b>5-12-2015</b>
Lease <b>Bush+on</b>	Well # <b>1.36</b>	
Field Order # <b>12255</b>	Station <b>Pratt, KS</b>	Casing <b>5 1/2</b>
		Depth <b>3254</b>
Type Job <b>CNW 5 1/2 longstring</b>	Formation <b>TD 3251</b>	County <b>Ellsworth</b>
		State <b>KS</b>
		Legal Description <b>36-175-104</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<b>5 1/2</b>								
Depth <b>3254</b>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>3254</b>	Packer Depth	From	To	Flush <b>Fresh water</b>	Gas Volume		Total Load	

Customer Representative <b>Kieth</b>	Station Manager <b>Kevin Gorbey</b>	Treater <b>Darin Friskie</b>
Service Units <b>92911 84981 19843 19826 19918</b>		
Driver Names <b>Darin Ed Ed Flann Flann</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>6:30pm</b>					on location / safety meeting
					C- 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
					B- #2
					1655K AA2 cement, .5% Fluid loss, 10% SSN
					.2% Defosmer, .3% Friction Reducer, 5lb/sic
					Gilson, te 15.3 Dps, 1.36 yield, 554 water
	<b>1700</b>				Set psicker shoe
<b>11:00am</b>	<b>300</b>		<b>5</b>	<b>6</b>	Pump 5 bbls water
	<b>300</b>		<b>12</b>	<b>6</b>	12 bbls flush
	<b>300</b>		<b>5</b>	<b>6</b>	5 bbls water
	<b>300</b>		<b>40</b>	<b>6</b>	mix 1655K cement
					Shut down
					wash pump & lines
					Release plug
	<b>100</b>		<b>0</b>	<b>6</b>	Start displacement
	<b>400</b>		<b>46</b>	<b>6</b>	lift pressure
	<b>500</b>		<b>64</b>	<b>3</b>	slow rate
<b>11:30am</b>	<b>8500</b>		<b>74</b>	<b>3</b>	Bump plug
					Flow
	<b>100</b>	<b>10</b>	<b>7</b>	<b>3</b>	plug set & mouse holes
					Job complete / Darin drove
					Thank you!!



SUITABLE FOR  
MARTIN DECKER  
CHART  
Y44

1 HR.  
30 M.

45 M.

15 M.

45 M.

1 HR.  
30 M.

15 M.

0

1000

2000

3000

4000

5000

6000

0009

5000

0005

0007

0003

0002

0001

0000

15 M.

1 HR.  
30 M.

45 M.



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.07 @ 10:05:00

End Date: 2015.05.07 @ 17:05:30

Job Ticket #: 62885                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:16:45



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62885 **DST#: 1**

Test Start: 2015.05.07 @ 10:05:00

## GENERAL INFORMATION:

Formation: **Severy Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:30

Time Test Ended: 17:05:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59

Interval: **2463.00 ft (KB) To 2520.00 ft (KB) (TVD)**

Reference Elevations: 1762.00 ft (KB)

Total Depth: 2520.00 ft (KB) (TVD)

1749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 6839**

**Inside**

Press@RunDepth: 145.84 psig @ 2515.02 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.05.07

End Date:

2015.05.07

Last Calib.: 2015.05.07

Start Time: 10:06:00

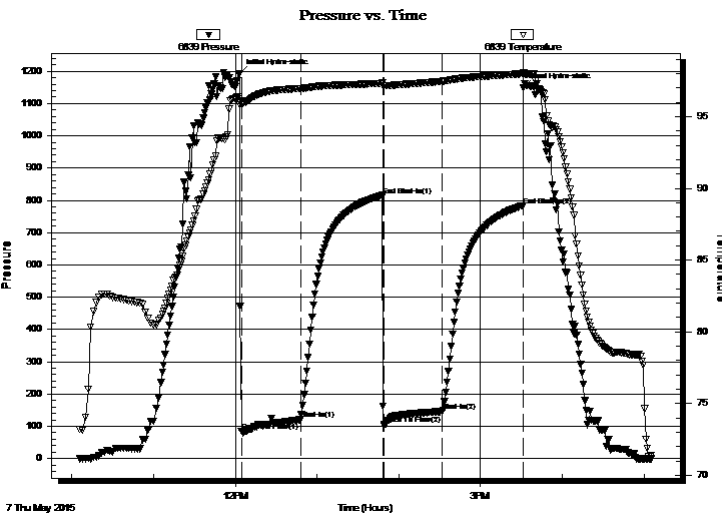
End Time:

17:05:30

Time On Btm: 2015.05.07 @ 12:03:00

Time Off Btm: 2015.05.07 @ 15:31:30

TEST COMMENT: IFP 45 min BOB in 3 min.  
ISI 60 min No blow back  
FFP 45 min BOB in 4 min.  
FSI 60 min No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1192.99	96.14	Initial Hydro-static
2	84.58	95.83	Open To Flow (1)
45	121.06	96.95	Shut-In(1)
105	815.65	97.33	End Shut-In(1)
106	105.87	97.18	Open To Flow (2)
149	145.84	97.46	Shut-In(2)
208	783.90	97.99	End Shut-In(2)
209	1150.34	98.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
170.00	Mud 100%	0.84
60.00	Muddy water 50% Water 50% Mud	0.72

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth, KS**

**Bushton #1-36**

Job Ticket: 62885

**DST#: 1**

Test Start: 2015.05.07 @ 10:05:00

## GENERAL INFORMATION:

Formation: **Severy Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:04:30

Time Test Ended: 17:05:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59

**Interval: 2463.00 ft (KB) To 2520.00 ft (KB) (TVD)**

Total Depth: 2520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1762.00 ft (KB)

1749.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8525 Outside**

Press@RunDepth: psig @ 2515.02 ft (KB)

Start Date: 2015.05.07

End Date:

2015.05.07

Start Time: 10:06:00

End Time:

17:04:30

Capacity: 5000.00 psig

Last Calib.:

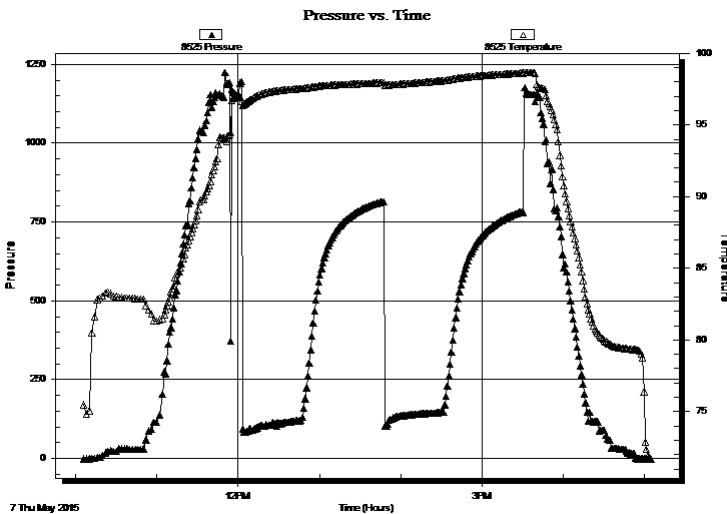
2015.05.07

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP 45 min BOB in 3 min.  
ISI 60 min No blow back  
FFP 45 min BOB in 4 min.  
FSI 60 min No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
170.00	Mud 100%	0.84
60.00	Muddy water 50% Water 50% Mud	0.72

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62885 **DST#: 1**  
Test Start: 2015.05.07 @ 10:05:00

**Tool Information**

Drill Pipe:	Length: 2288.00 ft	Diameter: 3.80 inches	Volume: 32.09 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 32.99 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	30.23 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	2463.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.02 ft			
Tool Length:	79.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			2446.00	
Hydraulic tool	5.00			2451.00	
Safety Joint	2.00			2453.00	
Top Packer	5.00			2458.00	
Packer	5.00			2463.00	22.00 Bottom Of Top Packer
Anchor	5.00			2468.00	
Change Over Sub	0.75			2468.75	
Drill Pipe	30.52			2499.27	
Change Over Sub	0.75			2500.02	
Anchor	15.00			2515.02	
Recorder	0.00	6839	Inside	2515.02	
Recorder	0.00	8525	Outside	2515.02	
Bullnose	5.00			2520.02	57.02 Anchor Tool

**Total Tool Length: 79.02**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62885      **DST#: 1**  
Test Start: 2015.05.07 @ 10:05:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	73000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.94 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 70000.00 ppm			
Filter Cake: 0.00 inches			

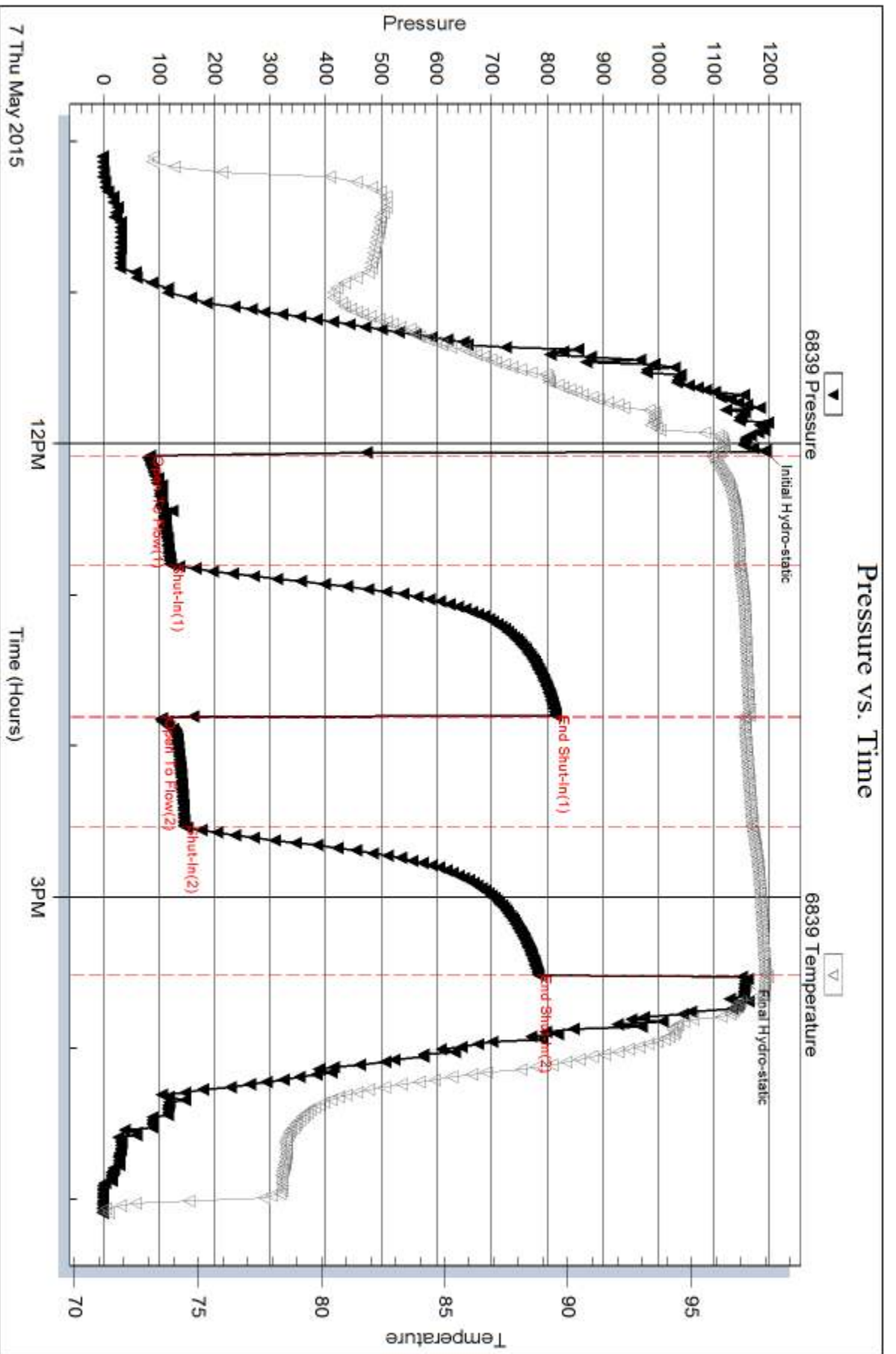
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
170.00	Mud 100%	0.836
60.00	Muddy w ater 50% Water 50% Mud	0.721

Total Length: 230.00 ft      Total Volume: 1.557 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Chlorides 79,000 .5ohms @56 degrees



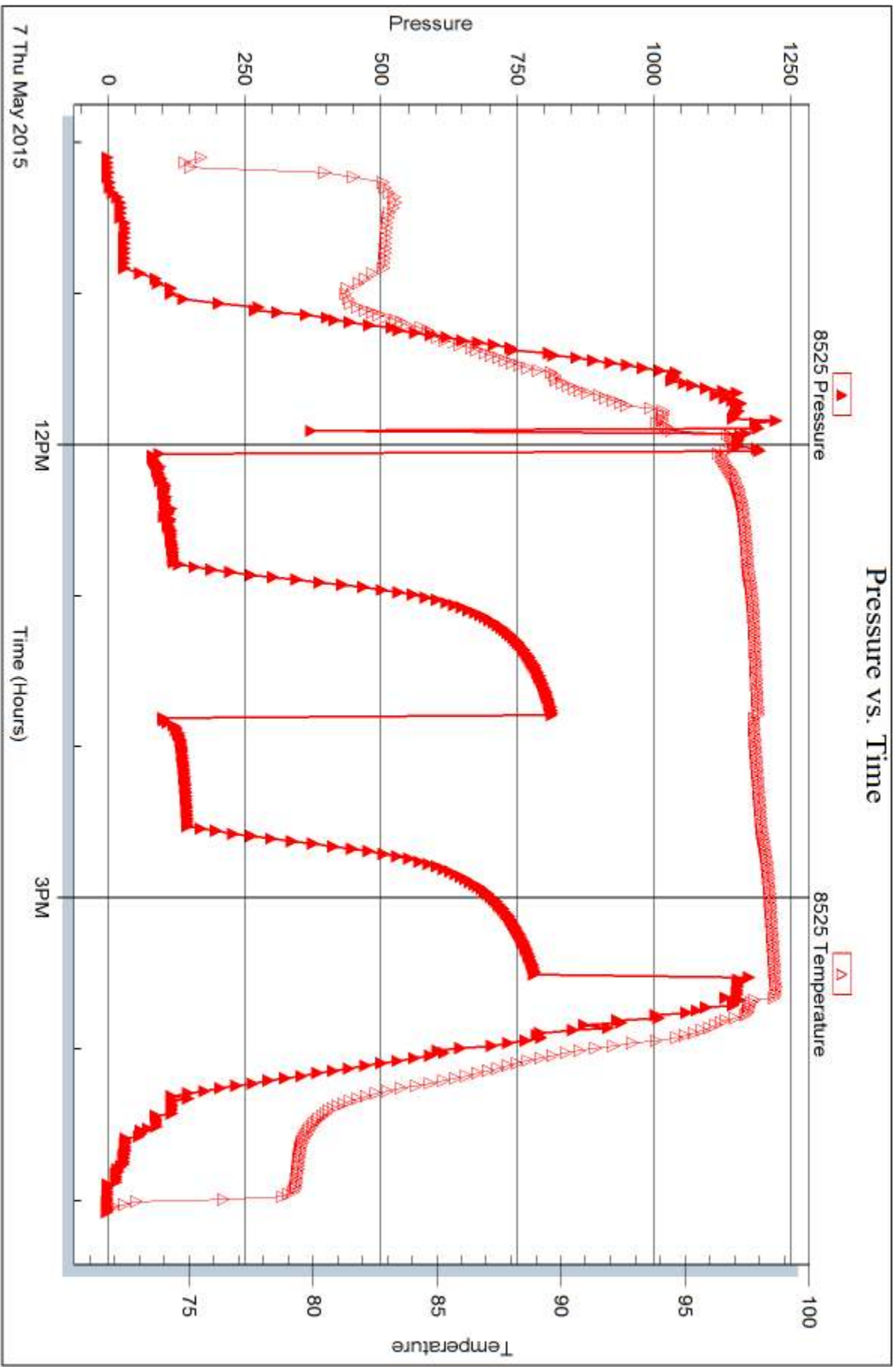


Serial #: 8525

Outside CMX Inc.

Bushlon #1-36

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 62885

Printed: 2015.05.12 @ 16:16:47



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.08 @ 12:43:00

End Date: 2015.05.08 @ 18:16:00

Job Ticket #: 62886                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:16:18



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
 1700 N. Waterfront Pkwy.  
 BLDG. 300B  
 Wichita KS 67206  
 ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62886

**DST#: 2**

Test Start: 2015.05.08 @ 12:43:00

## GENERAL INFORMATION:

Formation: **LKC B**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:56:30  
 Time Test Ended: 18:16:00  
 Interval: **2910.00 ft (KB) To 2930.00 ft (KB) (TVD)**  
 Total Depth: 2930.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 59  
 Reference Elevations: 1762.00 ft (KB)  
 1749.00 ft (CF)  
 KB to GR/CF: 13.00 ft

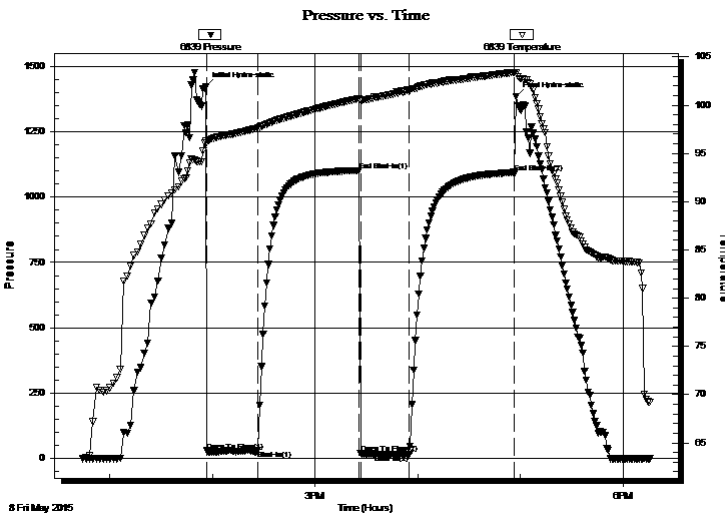
## Serial #: 6839

Inside

Press@RunDepth: 17.80 psig @ 2925.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2015.05.08 End Date: 2015.05.08 Last Calib.: 2015.05.08  
 Start Time: 12:44:00 End Time: 18:16:00 Time On Btm: 2015.05.08 @ 13:56:00  
 Time Off Btm: 2015.05.08 @ 16:57:30

TEST COMMENT: IFP 30 min. BOB in 10 sec.  
 ISI 60 min. Yes blow back  
 FFP 30 min. BOB instantly.  
 FSI 60 min. Yes blow back.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1421.26	96.26	Initial Hydro-static
1	29.83	96.11	Open To Flow (1)
31	31.16	97.66	Shut-In(1)
90	1101.96	100.69	End Shut-In(1)
91	20.72	100.51	Open To Flow (2)
119	17.80	101.60	Shut-In(2)
180	1094.40	103.40	End Shut-In(2)
182	1385.36	103.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas to surface in 20 min. 1st Flow .	0.00
3.00	Mud 100%	0.01

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	-11.00	12.46
Last Gas Rate	0.50	-10.00	29.68
Max. Gas Rate	0.50	-10.00	29.68



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62886

**DST#: 2**

Test Start: 2015.05.08 @ 12:43:00

## GENERAL INFORMATION:

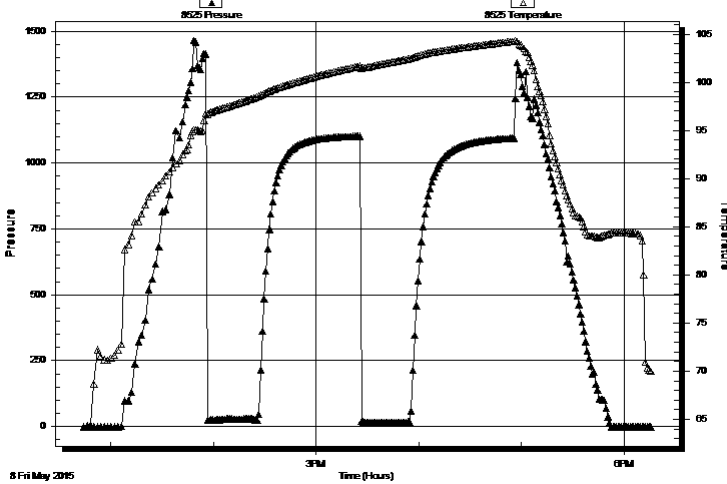
Formation: **LKC B**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 13:56:30  
Time Test Ended: 18:16:00  
Interval: **2910.00 ft (KB) To 2930.00 ft (KB) (TVD)**  
Total Depth: 2930.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Dustin Ellis  
Unit No: 59  
Reference Elevations: 1762.00 ft (KB)  
1749.00 ft (CF)  
KB to GR/CF: 13.00 ft

## Serial #: 8525 Outside

Press@RunDepth: psig @ 2925.00 ft (KB)  
Start Date: 2015.05.08 End Date: 2015.05.08  
Start Time: 12:44:00 End Time: 18:15:30  
Capacity: 5000.00 psig  
Last Calib.: 2015.05.08  
Time On Btm:  
Time Off Btm:

TEST COMMENT: IFP 30 min. BOB in 10 sec.  
ISI 60 min. Yes blow back  
FFP 30 min. BOB instantly.  
FSI 60 min. Yes blow back.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	Gas to surface in 20 min. 1st Flow .	0.00
3.00	Mud 100%	0.01

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	-11.00	12.46
Last Gas Rate	0.50	-10.00	29.68
Max. Gas Rate	0.50	-10.00	29.68



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62886 **DST#: 2**  
Test Start: 2015.05.08 @ 12:43:00

## Tool Information

Drill Pipe:	Length: 2733.00 ft	Diameter: 3.80 inches	Volume: 38.34 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 58000.00 lb
		Total Volume: 39.24 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.23 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	2910.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			2893.00	
Hydraulic tool	5.00			2898.00	
Safety Joint	2.00			2900.00	
Top Packer	5.00			2905.00	
Packer	5.00			2910.00	22.00 Bottom Of Top Packer
Anchor	15.00			2925.00	
Recorder	0.00	6839	Inside	2925.00	
Recorder	0.00	8525	Outside	2925.00	
Bullnose	5.00			2930.00	20.00 Anchor Tool
<b>Total Tool Length:</b>	<b>42.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62886      **DST#: 2**  
Test Start: 2015.05.08 @ 12:43:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.16 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 0.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Gas to surface in 20 min. 1st Flow .	0.000
3.00	Mud 100%	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

CMX Inc.

**36-17s-10w Ellsworth,KS**

1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**Bushton #1-36**

Job Ticket: 62886

**DST#: 2**

Test Start: 2015.05.08 @ 12:43:00

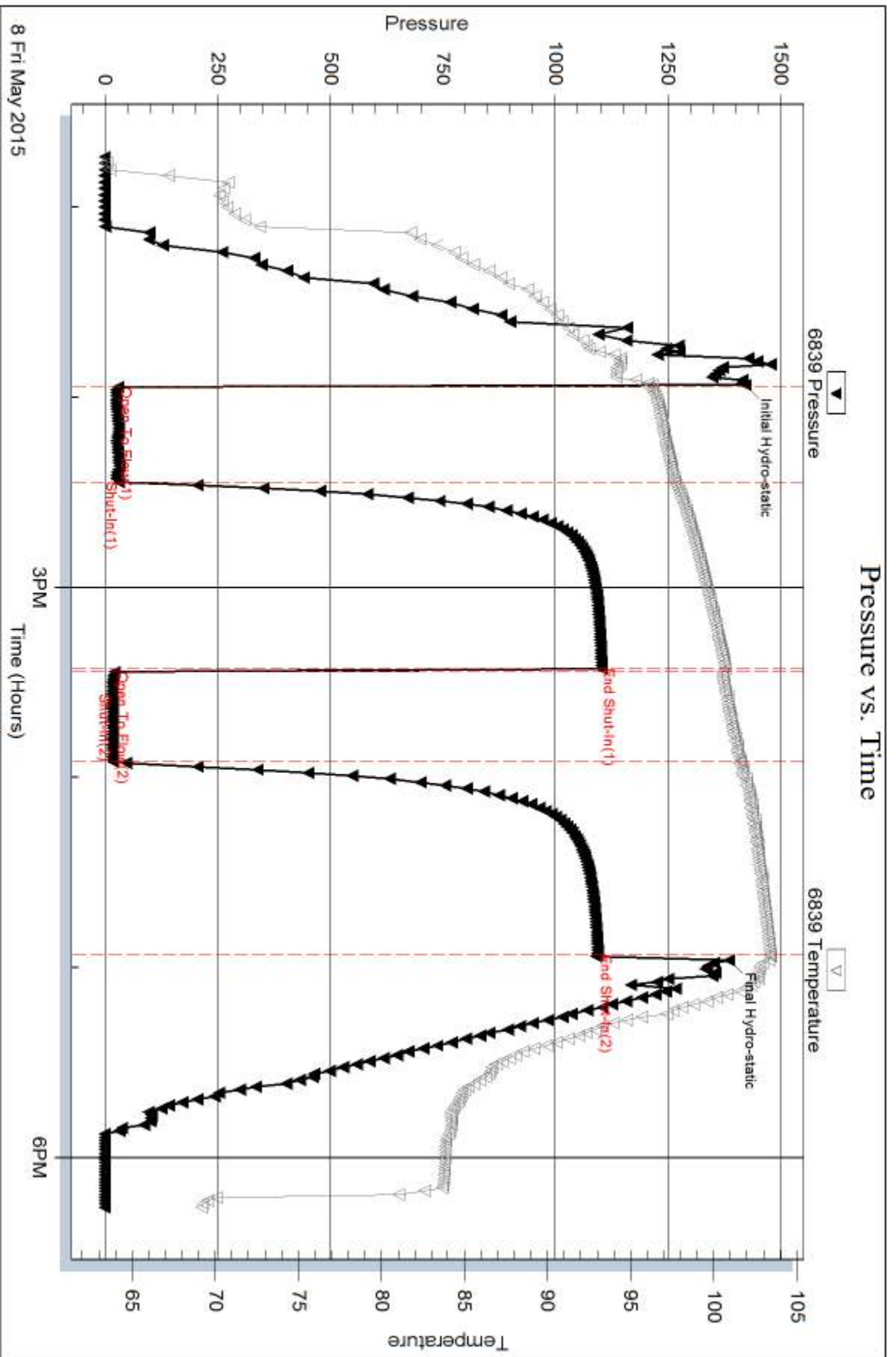
### Gas Rates Information

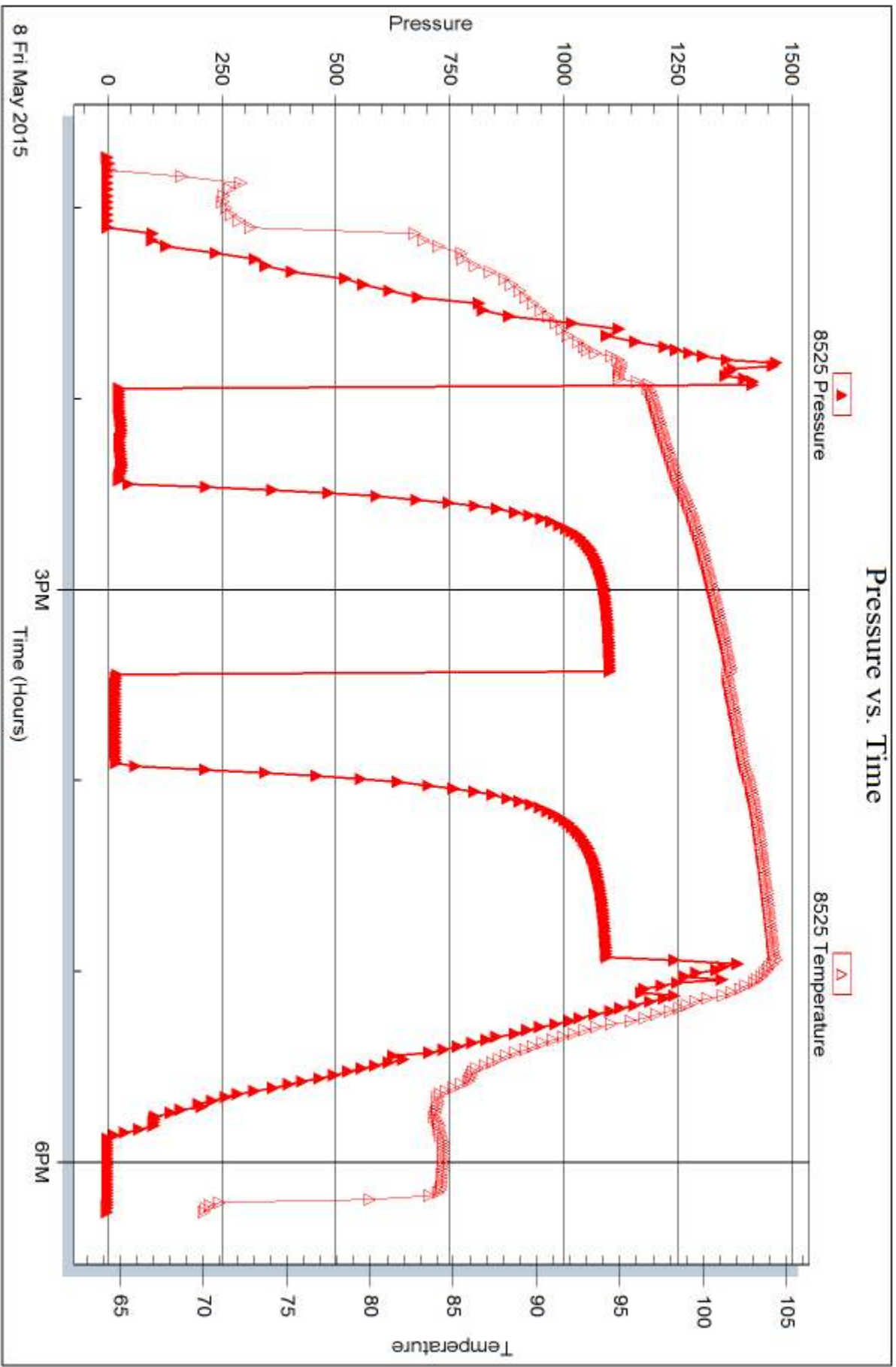
Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	25	0.38	-11.00	12.46
1	25	0.38	-11.00	12.46
2	10	0.50	-10.00	29.68
2	20	0.50	-10.00	29.68









## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.09 @ 01:55:00

End Date: 2015.05.09 @ 09:16:30

Job Ticket #: 62887                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:15:43

CMX Inc.  
36-17s-10w Ellsworth,KS  
Bushton #1-36  
DST # 3  
LKC G  
2015.05.09



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62887

**DST#: 3**

Test Start: 2015.05.09 @ 01:55:00

## GENERAL INFORMATION:

Formation: **LKC G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:10:30  
 Time Test Ended: 09:16:30  
 Interval: **2975.00 ft (KB) To 2985.00 ft (KB) (TVD)**  
 Total Depth: 2985.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 59  
 Reference Elevations: 1762.00 ft (KB)  
 1749.00 ft (CF)  
 KB to GR/CF: 13.00 ft

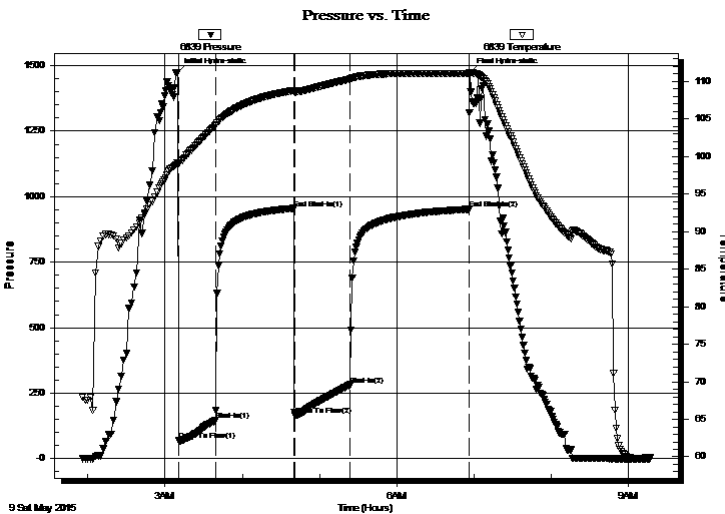
**Serial #: 6839**

**Outside**

Press@RunDepth: 281.91 psig @ 2980.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2015.05.09 End Date: 2015.05.09 Last Calib.: 2015.05.09  
 Start Time: 01:56:00 End Time: 09:16:30 Time On Btm: 2015.05.09 @ 03:09:30  
 Time Off Btm: 2015.05.09 @ 06:57:00

TEST COMMENT: IFP 30 min. BOB in 10 sec.  
 ISI 60 min. Yes blow blow back  
 FFP 45 min. BOB in 45 sec.  
 FSI 90 min. Yes blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1472.97	99.17	Initial Hydro-static
1	69.23	99.05	Open To Flow (1)
30	146.35	104.12	Shut-In(1)
91	953.09	108.77	End Shut-In(1)
92	165.06	108.60	Open To Flow (2)
135	281.91	110.29	Shut-In(2)
227	952.03	111.06	End Shut-In(2)
228	1474.33	111.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
252.00	Mudd w ater 50% w ater 50% mud	1.87
418.00	Water 100%	5.86

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	-10.12	66.85
Last Gas Rate	0.75	-10.55	60.14
Max. Gas Rate	0.75	-10.12	66.85



# DRILL STEM TEST REPORT

CMX Inc.  
 1700 N. Waterfront Pkw y.  
 BLDG. 300B  
 Wichita KS 67206  
 ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
 Job Ticket: 62887 **DST#: 3**  
 Test Start: 2015.05.09 @ 01:55:00

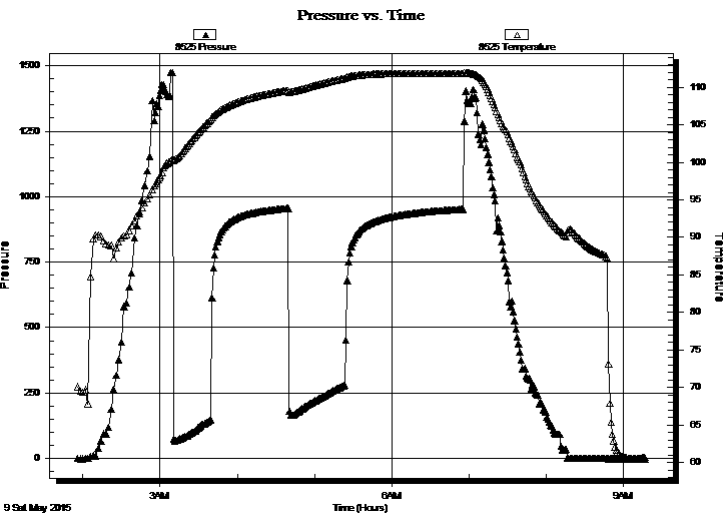
## GENERAL INFORMATION:

Formation: **LKC G**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 03:10:30 Tester: Dustin Ellis  
 Time Test Ended: 09:16:30 Unit No: 59  
**Interval: 2975.00 ft (KB) To 2985.00 ft (KB) (TVD)**  
 Reference Elevations: 1762.00 ft (KB)  
 Total Depth: 2985.00 ft (KB) (TVD) 1749.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

## Serial #: 8525 Inside

Press@RunDepth: psig @ 2980.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2015.05.09 End Date: 2015.05.09 Last Calib.: 2015.05.09  
 Start Time: 01:56:00 End Time: 09:16:30 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IFP 30 min. BOB in 10 sec.  
 ISI 60 min. Yes blow blow back  
 FFP 45 min. BOB in 45 sec.  
 FSI 90 min. Yes blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
252.00	Mudd w ater 50% w ater 50% mud	1.87
418.00	Water 100%	5.86

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	-10.12	66.85
Last Gas Rate	0.75	-10.55	60.14
Max. Gas Rate	0.75	-10.12	66.85



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62887      **DST#: 3**  
Test Start: 2015.05.09 @ 01:55:00

**Tool Information**

Drill Pipe:	Length: 2790.00 ft	Diameter: 3.80 inches	Volume: 39.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 40.04 bbl</u>	Tool Chased 52000.00 ft
Drill Pipe Above KB:	20.23 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	2975.00 ft			Final 0.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			2958.00	
Hydraulic tool	5.00			2963.00	
Safety Joint	2.00			2965.00	
Top Packer	5.00			2970.00	
Packer	5.00			2975.00	22.00      Bottom Of Top Packer
Anchor	5.00			2980.00	
Recorder	0.00	8525	Inside	2980.00	
Recorder	0.00	6839	Outside	2980.00	
Bullnose	5.00			2985.00	10.00      Anchor Tool
<b>Total Tool Length:</b>	<b>32.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62887      **DST#: 3**  
Test Start: 2015.05.09 @ 01:55:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	78000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.45 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: 0.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	Mudd w ater 50% w ater 50%mud	1.866
418.00	Water 100%	5.863

Total Length: 670.00 ft      Total Volume: 7.729 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Chlorides 78,000 .4ohms@92degrees  
 Gas to surface in 5 min 1st open



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

CMX Inc.

**36-17s-10w Ellsworth,KS**

1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**Bushton #1-36**

Job Ticket: 62887

**DST#: 3**

Test Start: 2015.05.09 @ 01:55:00

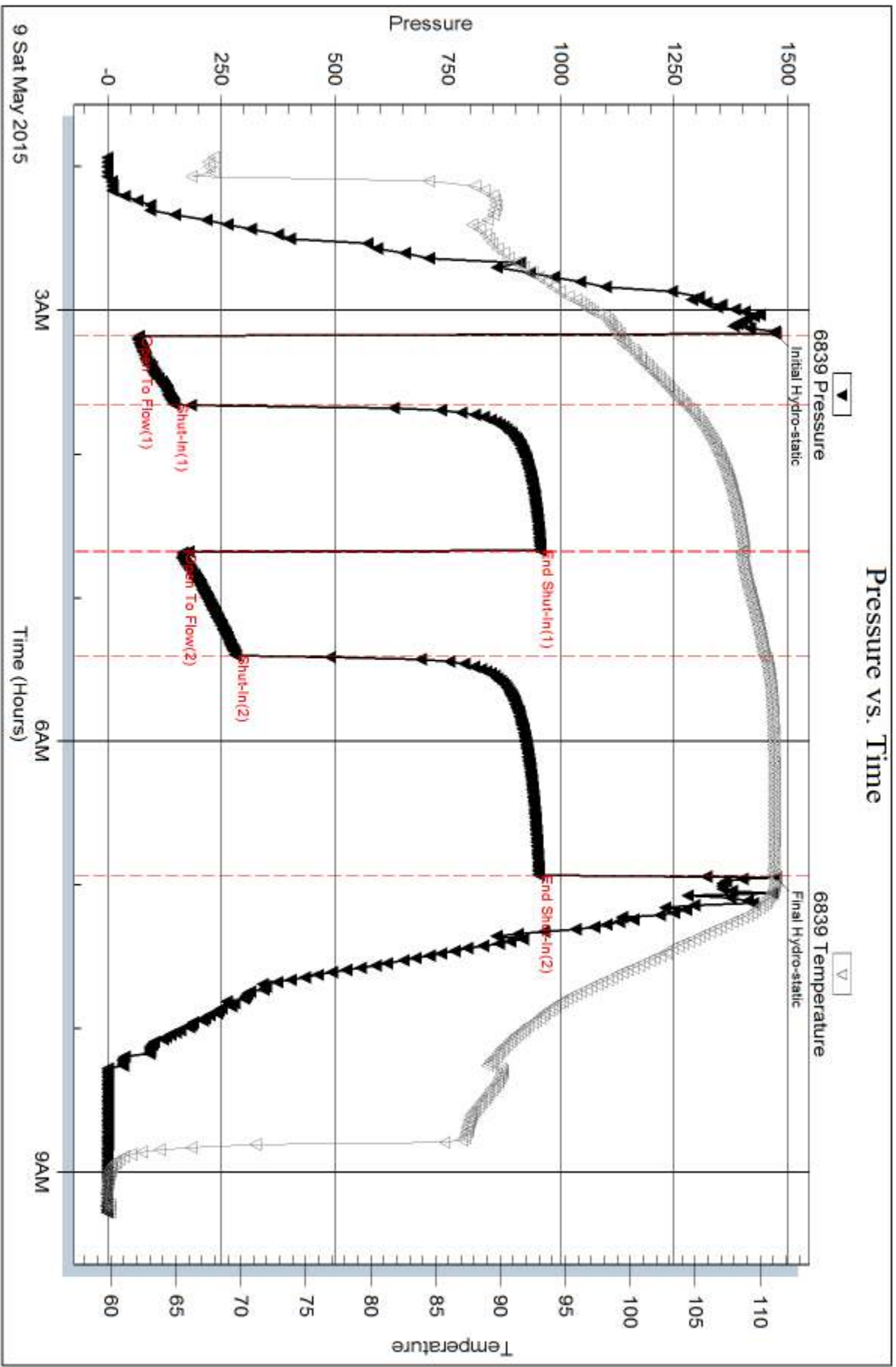
### Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.75	-10.12	66.85
1	10	0.75	-10.12	66.85
1	10	0.75	-10.12	66.85
1	20	0.75	-10.31	63.88
1	30	0.75	-10.55	60.14
2	10	0.75	-10.55	60.14
2	20	0.75	-10.55	60.14





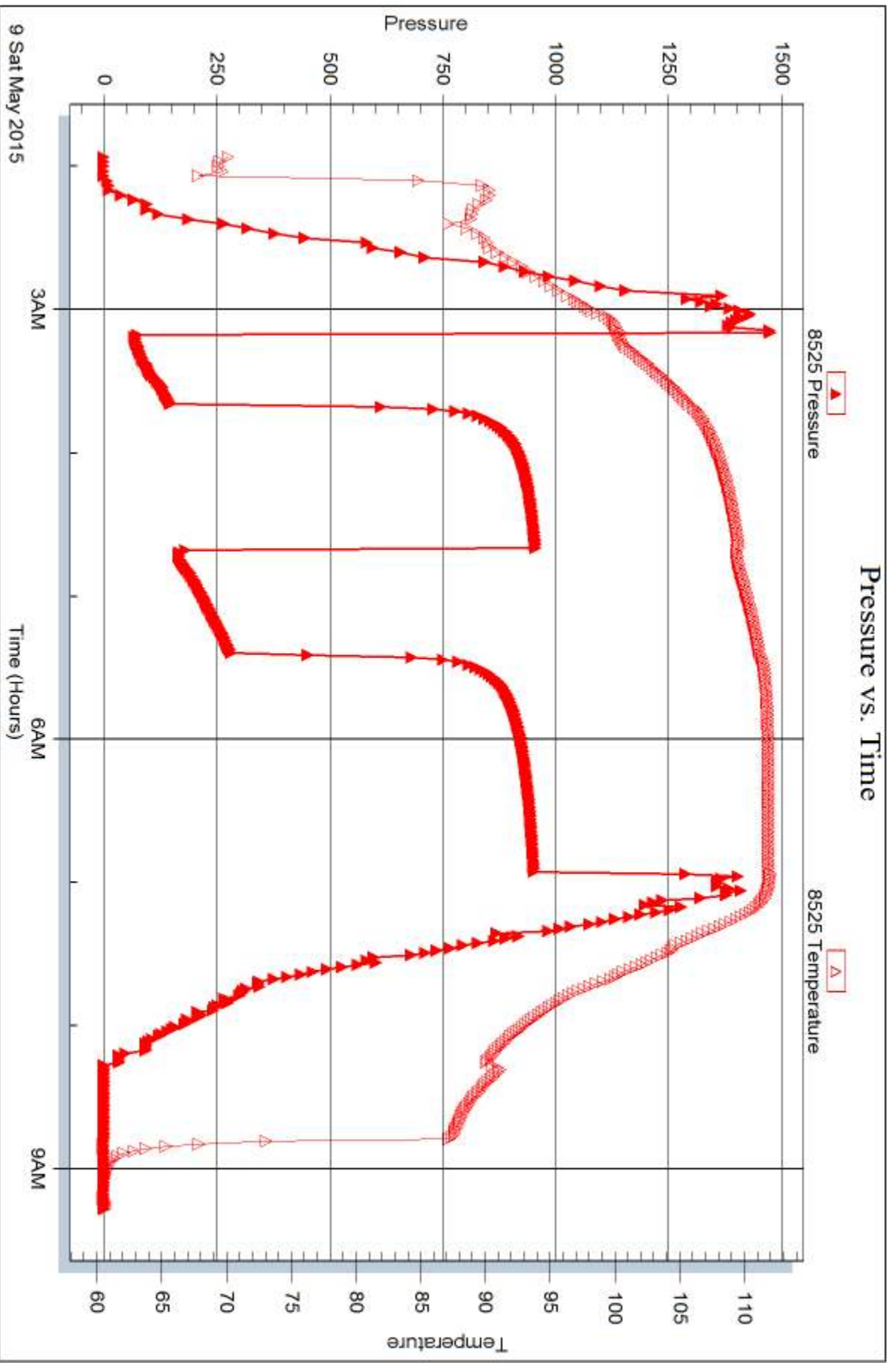
Serial #: 8525

Inside

CMX Inc.

Bushion #1-36

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 62887

Printed: 2015.05.12 @ 16:15:46



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.09 @ 06:05:00

End Date: 2015.05.09 @ 11:40:30

Job Ticket #: 62888                      DST #: 4

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:15:13

CMX Inc.  
36-17s-10w Ellsworth,KS  
Bushton #1-36  
DST # 4  
LKC J  
2015.05.09



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62888

**DST#: 4**

Test Start: 2015.05.09 @ 06:05:00

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:26:30

Time Test Ended: 11:40:30

Test Type: Conventional Bottom Hole (Real-Time)

Tester: Dustin Ellis

Unit No: 59

**Interval: 3075.00 ft (KB) To 3100.00 ft (KB) (TVD)**

Reference Elevations: 1762.00 ft (KB)

Total Depth: 3100.00 ft (KB) (TVD)

1749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 6839 Outside**

Press@RunDepth: 69.05 psig @ 3095.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.05.09

End Date:

2015.05.09

Last Calib.:

2015.05.09

Start Time: 06:06:00

End Time:

11:40:30

Time On Btm:

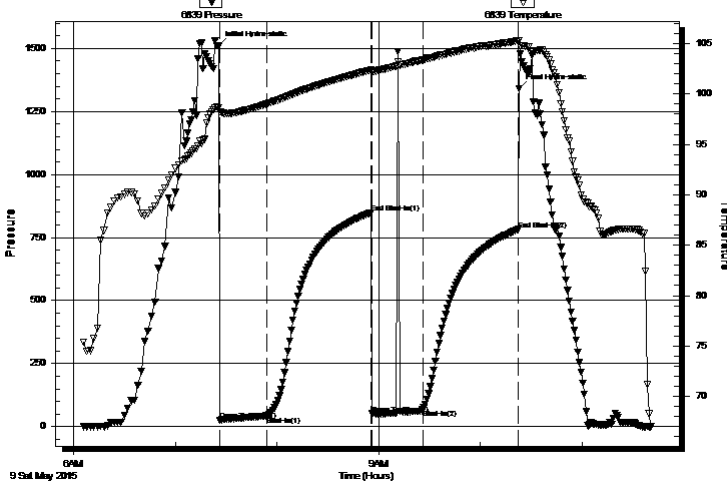
2015.05.09 @ 07:25:30

Time Off Btm:

2015.05.09 @ 10:23:00

**TEST COMMENT:** IFP 30 min Weak blow built to 3"  
ISI 60 min No blow back  
FFP 30 min Dead Flushed tool w weak blow.  
FSI 60 min No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1509.39	98.62	Initial Hydro-static
1	25.32	98.22	Open To Flow (1)
29	42.51	99.01	Shut-In(1)
90	847.88	102.37	End Shut-In(1)
91	50.74	102.20	Open To Flow (2)
121	69.05	103.35	Shut-In(2)
177	782.32	105.23	End Shut-In(2)
178	1341.78	105.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
78.00	Very lightly oil spotted mud mud 100%	0.38

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

CMX Inc.  
 1700 N. Waterfront Pkwy.  
 BLDG. 300B  
 Wichita KS 67206  
 ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62888 **DST#: 4**

Test Start: 2015.05.09 @ 06:05:00

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:26:30

Time Test Ended: 11:40:30

Test Type: Conventional Bottom Hole (Real-Time)

Tester: Dustin Ellis

Unit No: 59

Interval: **3075.00 ft (KB) To 3100.00 ft (KB) (TVD)**

Total Depth: 3100.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1762.00 ft (KB)

1749.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8525 Inside**

Press@RunDepth: psig @ 3095.00 ft (KB)

Start Date: 2015.05.09 End Date: 2015.05.09

Start Time: 06:06:00 End Time: 11:41:00

Capacity: 5000.00 psig

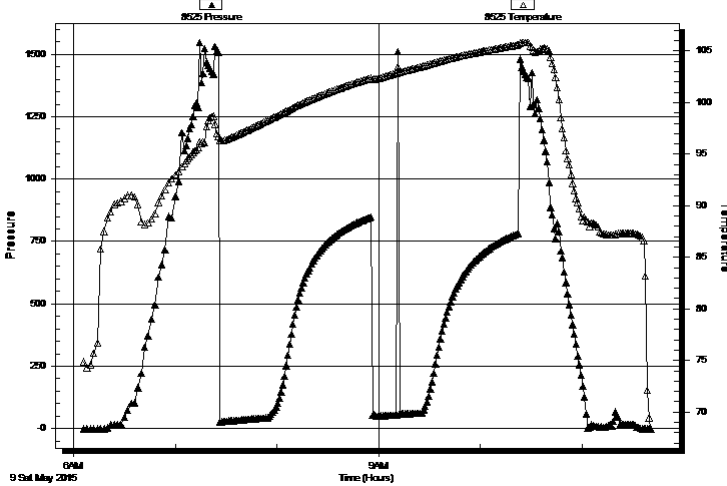
Last Calib.: 2015.05.09

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IFP 30 min Weak blow built to 3"  
 ISI 60 min No blow back  
 FFP 30 min Dead Flushed tool weak blow.  
 FSI 60 min No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
78.00	Very lightly oil spotted mud mud 100%	0.38

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62888 **DST#: 4**  
Test Start: 2015.05.09 @ 06:05:00

**Tool Information**

Drill Pipe:	Length: 2887.00 ft	Diameter: 3.80 inches	Volume: 40.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 56000.00 lb
		Total Volume: 41.40 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.23 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3075.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3058.00	
Hydraulic tool	5.00			3063.00	
Safety Joint	2.00			3065.00	
Top Packer	5.00			3070.00	
Packer	5.00			3075.00	22.00 Bottom Of Top Packer
Anchor	20.00			3095.00	
Recorder	0.00	8525	Inside	3095.00	
Recorder	0.00	6839	Outside	3095.00	
Bullnose	5.00			3100.00	25.00 Anchor Tool
<b>Total Tool Length:</b>	<b>47.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62888      **DST#: 4**  
Test Start: 2015.05.09 @ 06:05:00

## Mud and Cushion Information

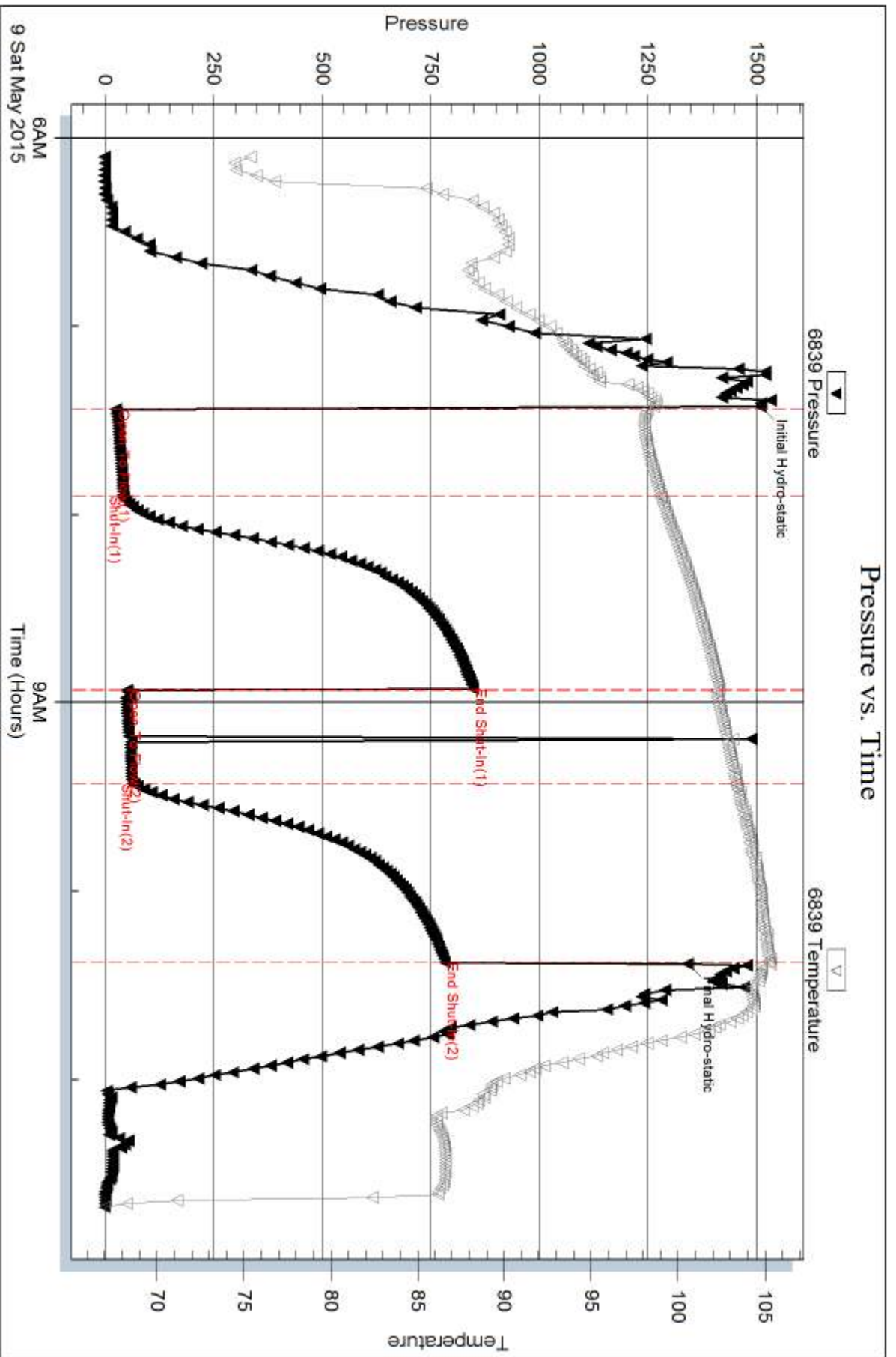
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.07 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
78.00	Very lightly oil spotted mud mud 100%	0.384

Total Length: 78.00 ft      Total Volume: 0.384 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





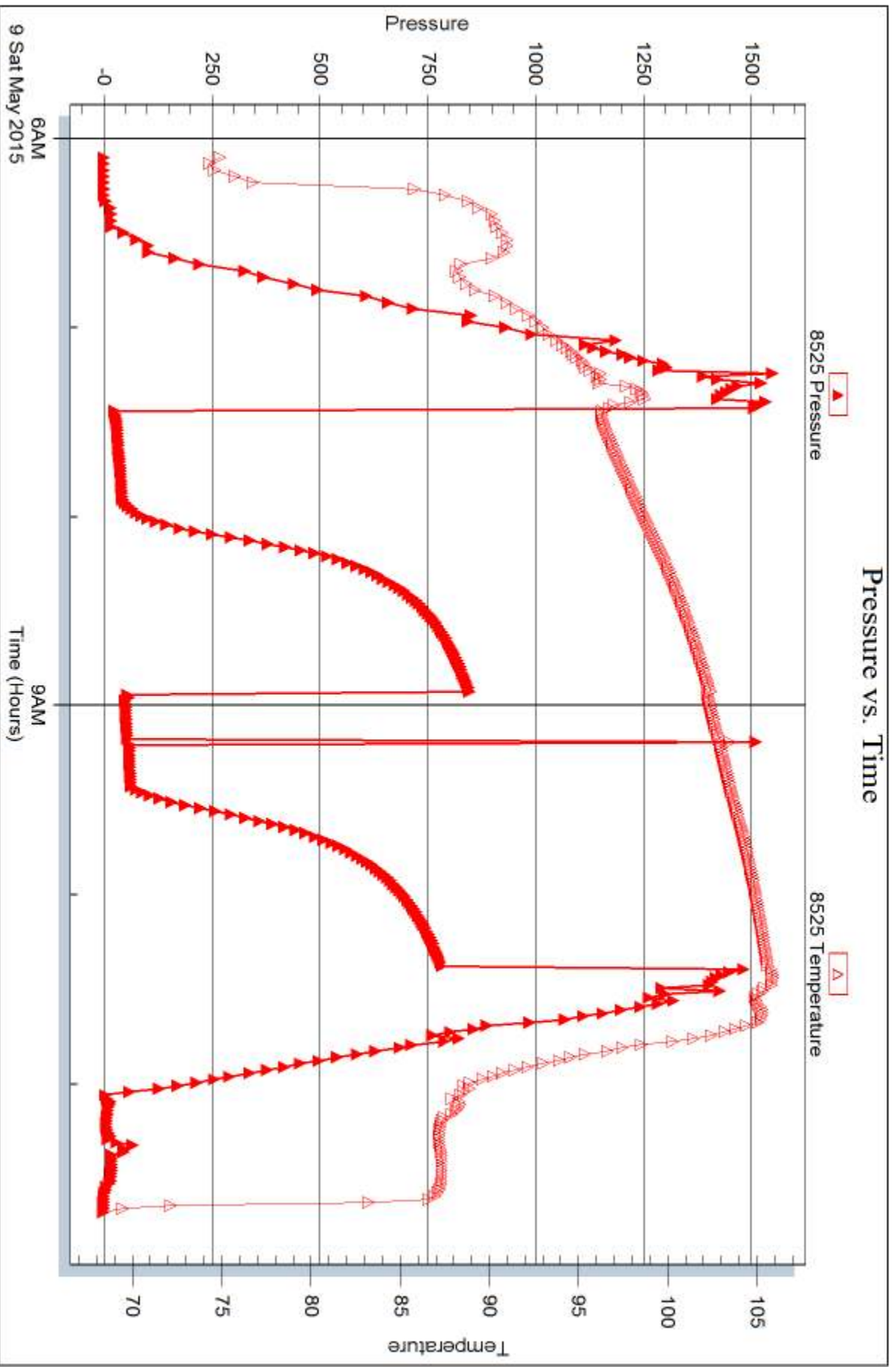
Serial #: 8525

Inside

CMX Inc.

Bushlon #1-36

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 62888

Printed: 2015.05.12 @ 16:15:15



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.10 @ 02:20:00

End Date: 2015.05.10 @ 08:26:00

Job Ticket #: 62889                      DST #: 5

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:14:38



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62889

**DST#: 5**

Test Start: 2015.05.10 @ 02:20:00

## GENERAL INFORMATION:

Formation: **Penn Cong - Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:03:30

Time Test Ended: 08:26:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59

**Interval: 3170.00 ft (KB) To 3244.00 ft (KB) (TVD)**

Reference Elevations: 1762.00 ft (KB)

Total Depth: 3244.00 ft (KB) (TVD)

1749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 6839 Inside**

Press@RunDepth: 68.42 psig @ 3232.36 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.05.10 End Date: 2015.05.10

Last Calib.: 2015.05.11

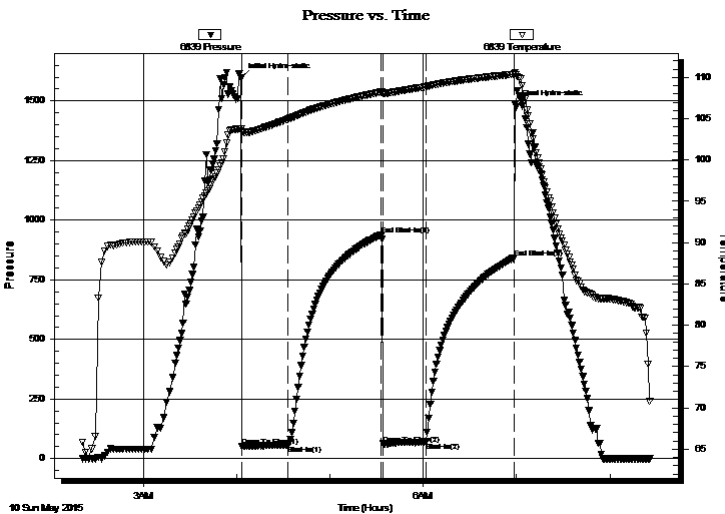
Start Time: 02:21:00 End Time: 08:26:00

Time On Btm: 2015.05.10 @ 04:03:00

Time Off Btm: 2015.05.10 @ 06:59:00

**TEST COMMENT:** IFP 30 min Weak blow built to 1 1/2"  
ISI 60 min. No blow back..  
FFP 30 min BOB instantly  
FSI 60 min. No blow back....

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.66	103.73	Initial Hydro-static
1	51.06	103.38	Open To Flow (1)
30	57.30	104.94	Shut-In(1)
90	939.25	108.22	End Shut-In(1)
91	61.68	108.05	Open To Flow (2)
119	68.42	108.87	Shut-In(2)
176	842.70	110.39	End Shut-In(2)
176	1485.79	110.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Clean oil 100%	0.01
12.00	Oil cut mud 1%oil 99%mud	0.06

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

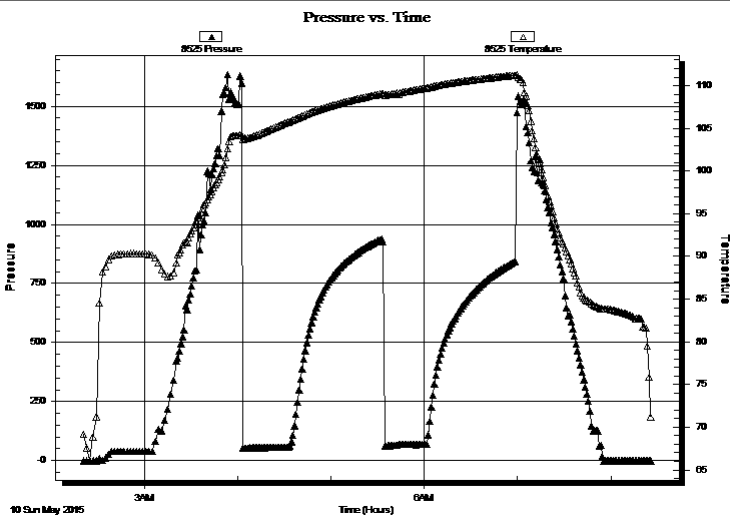
**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62889          **DST#: 5**  
Test Start: 2015.05.10 @ 02:20:00

## GENERAL INFORMATION:

Formation: <b>Penn Cong - Arbuckle</b>			Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:	ft (KB)		Tester: Dustin Ellis
Time Tool Opened: 04:03:30			Unit No: 59
Time Test Ended: 08:26:00			Reference Elevations: 1762.00 ft (KB)
<b>Interval: 3170.00 ft (KB) To 3244.00 ft (KB) (TVD)</b>			1749.00 ft (CF)
Total Depth: 3244.00 ft (KB) (TVD)			KB to GR/CF: 13.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair		

<b>Serial #: 8525</b>	<b>Outside</b>				
Press@RunDepth:	psig @ 3232.36 ft (KB)		Capacity:	5000.00 psig	
Start Date:	2015.05.10	End Date:	2015.05.10	Last Calib.:	2015.05.11
Start Time:	02:21:00	End Time:	08:26:00	Time On Btm:	
				Time Off Btm:	

**TEST COMMENT:** IFP 30 min Weak blow built to 1 1/2"  
ISI 60 min. No blow back..  
FFP 30 min BOB instantly  
FSI 60 min. No blow back....



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	Clean oil 100%	0.01
12.00	Oil cut mud 1%oil 99%mud	0.06

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62889 **DST#: 5**  
Test Start: 2015.05.10 @ 02:20:00

## Tool Information

Drill Pipe:	Length: 2988.00 ft	Diameter: 3.80 inches	Volume: 41.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 42.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.23 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3170.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.36 ft			
Tool Length:	89.36 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3153.00	
Hydraulic tool	5.00			3158.00	
Safety Joint	2.00		Fluid	3160.00	
Top Packer	5.00			3165.00	
Packer	5.00			3170.00	22.00 Bottom Of Top Packer
Anchor	5.00			3175.00	
Change Over Sub	0.75			3175.75	
Drill Pipe	31.86			3207.61	
Change Over Sub	0.75			3208.36	
Anchor	24.00			3232.36	
Recorder	0.00	6839	Inside	3232.36	
Recorder	0.00	8525	Outside	3232.36	
Bullnose	5.00			3237.36	67.36 Anchor Tool

**Total Tool Length: 89.36**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62889      **DST#: 5**  
Test Start: 2015.05.10 @ 02:20:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 0.00 inches			

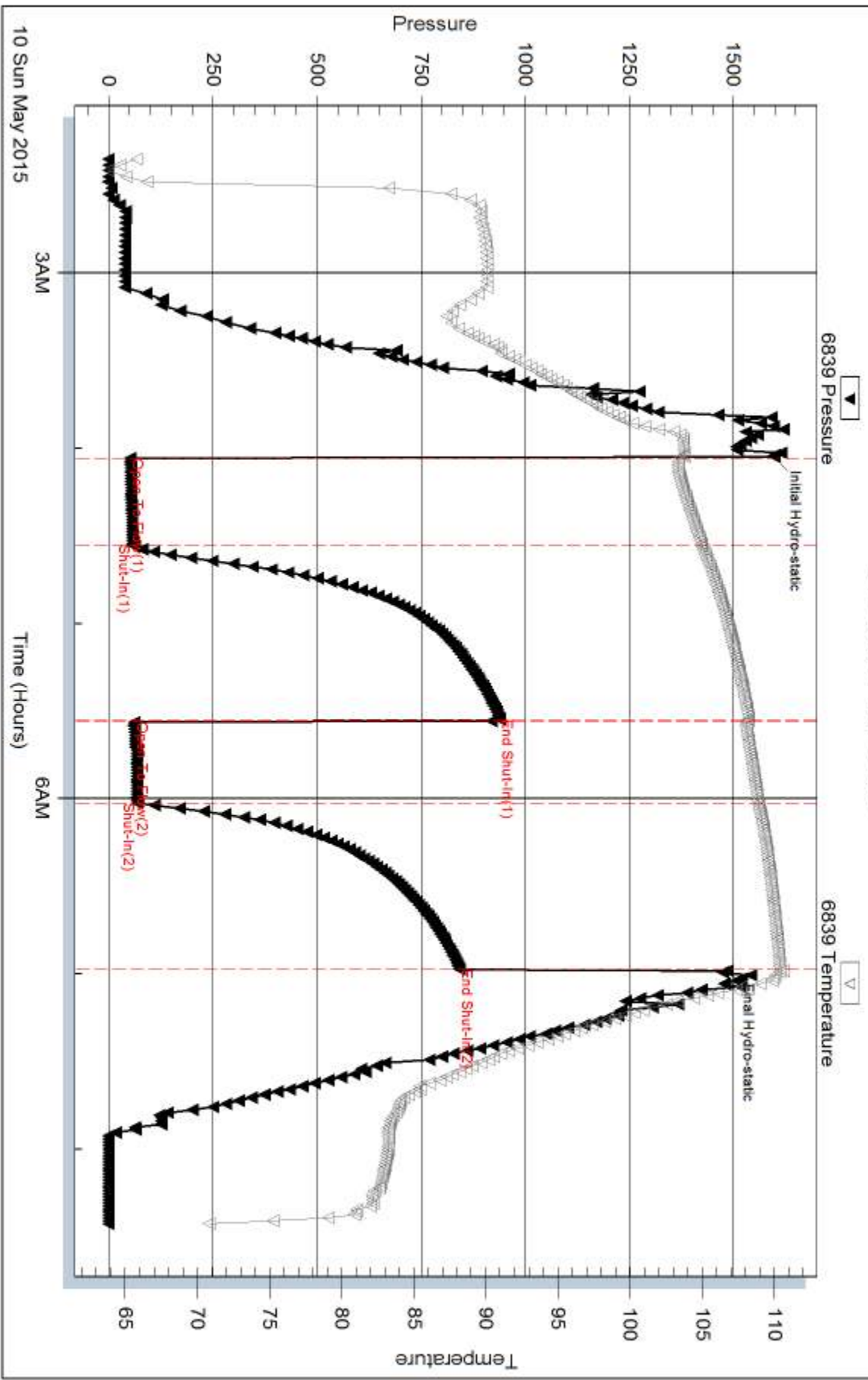
### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Clean oil 100%	0.015
12.00	Oil cut mud 1%oil 99%mud	0.059

Total Length: 15.00 ft      Total Volume: 0.074 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

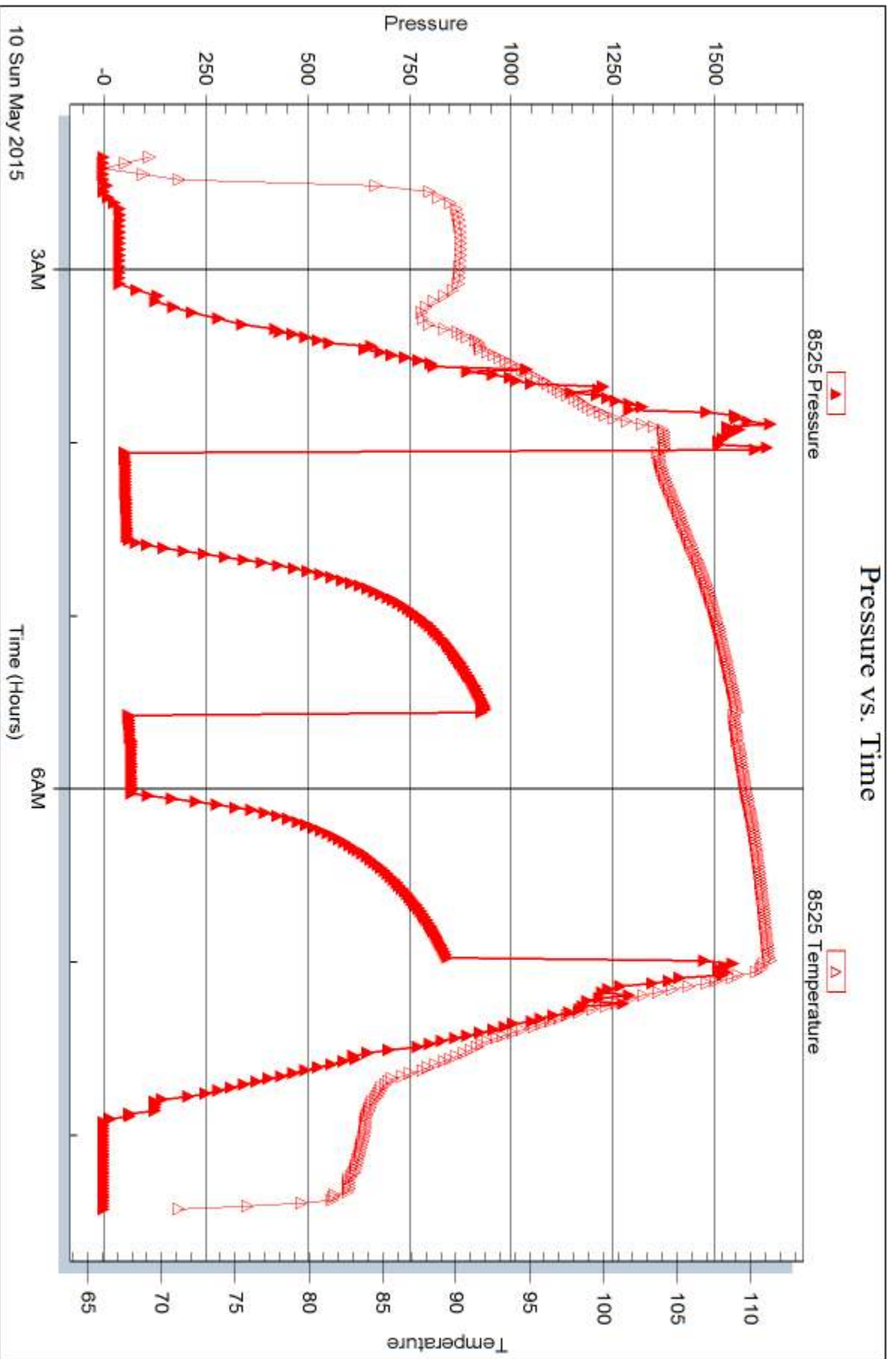


Serial #: 8525

Outside CMX Inc.

Bushion #1-36

DST Test Number: 5







## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-36**

#### **36-17s-10w Ellsworth,KS**

Start Date: 2015.05.11 @ 02:23:00

End Date: 2015.05.11 @ 10:19:00

Job Ticket #: 62890                      DST #: 6

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.05.12 @ 16:13:34



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62890

**DST#: 6**

Test Start: 2015.05.11 @ 02:23:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:52:30  
 Time Test Ended: 10:19:00  
 Interval: **3242.00 ft (KB) To 3251.00 ft (KB) (TVD)**  
 Total Depth: 3251.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 59  
 Reference Elevations: 1762.00 ft (KB)  
 1749.00 ft (CF)  
 KB to GR/CF: 13.00 ft

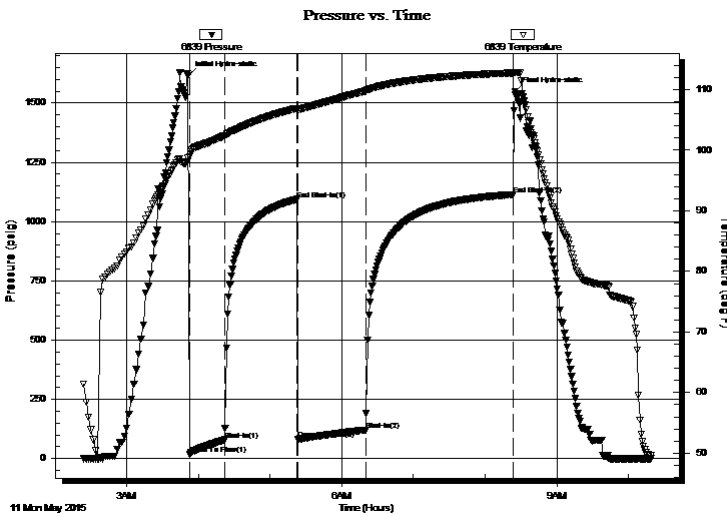
## Serial #: 6839

Inside

Press@RunDepth: 120.93 psig @ 3246.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2015.05.11 End Date: 2015.05.11 Last Calib.: 2015.05.11  
 Start Time: 02:24:00 End Time: 10:19:00 Time On Btm: 2015.05.11 @ 03:51:30  
 Time Off Btm: 2015.05.11 @ 08:25:00

TEST COMMENT: IFP 30 BOB in 26 min.  
 ISI 60 min. No blow back.  
 FFP 60 min BOB in 23 min.  
 FSI 120 min.No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1614.75	98.77	Initial Hydro-static
1	18.40	98.96	Open To Flow (1)
31	79.40	102.44	Shut-In(1)
91	1093.65	106.92	End Shut-In(1)
92	82.61	106.75	Open To Flow (2)
149	120.93	109.78	Shut-In(2)
272	1114.40	112.76	End Shut-In(2)
274	1549.97	112.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOCM gas 10% Oil 10% Muid 80%	0.20
262.00	Clean gassy oil 100%	2.37
0.00	120 gas in pipe.	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**

**Bushton #1-36**

Job Ticket: 62890

**DST#: 6**

Test Start: 2015.05.11 @ 02:23:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:52:30

Time Test Ended: 10:19:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 59

**Interval: 3242.00 ft (KB) To 3251.00 ft (KB) (TVD)**

Reference Elevations: 1762.00 ft (KB)

Total Depth: 3251.00 ft (KB) (TVD)

1749.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

**Serial #: 8525 Outside**

Press@RunDepth: psig @ 3246.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2015.05.11

End Date:

2015.05.11

Last Calib.:

2015.05.11

Start Time: 02:24:00

End Time:

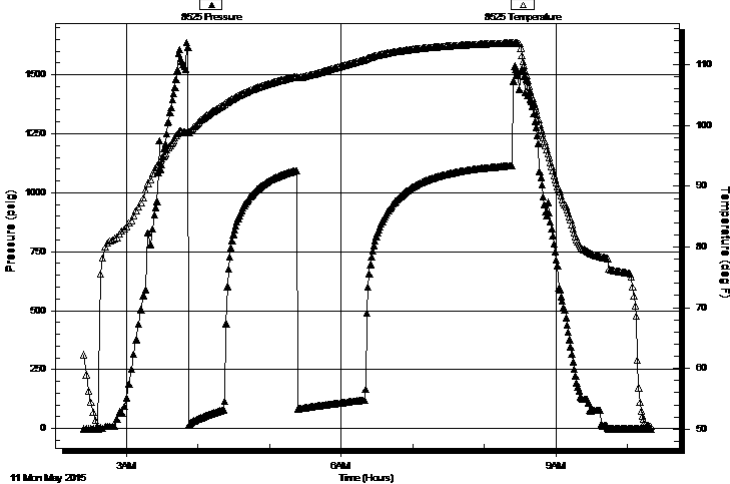
10:19:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP 30 BOB in 26 min.  
ISI 60 min. No blow back.  
FFP 60 min BOB in 23 min.  
FSI 120 min.No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOCM gas 10% Oil 10% Muid 80%	0.20
262.00	Clean gassy oil 100%	2.37
0.00	120 gas in pipe.	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkw y.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62890 **DST#: 6**  
Test Start: 2015.05.11 @ 02:23:00

## Tool Information

Drill Pipe:	Length: 3055.00 ft	Diameter: 3.80 inches	Volume: 42.85 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 183.23 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume: 43.75 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.23 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3242.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3225.00	
Hydraulic tool	5.00			3230.00	
Safety Joint	2.00			3232.00	
Top Packer	5.00			3237.00	
Packer	5.00			3242.00	22.00 Bottom Of Top Packer
Anchor	4.00			3246.00	
Recorder	0.00	6839	Inside	3246.00	
Recorder	0.00	8525	Outside	3246.00	
Bullnose	5.00			3251.00	9.00 Anchor Tool
<b>Total Tool Length:</b>	<b>31.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

CMX Inc.  
1700 N. Waterfront Pkwy.  
BLDG. 300B  
Wichita KS 67206  
ATTN: Ken Leblanc

**36-17s-10w Ellsworth,KS**  
**Bushton #1-36**  
Job Ticket: 62890      **DST#: 6**  
Test Start: 2015.05.11 @ 02:23:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

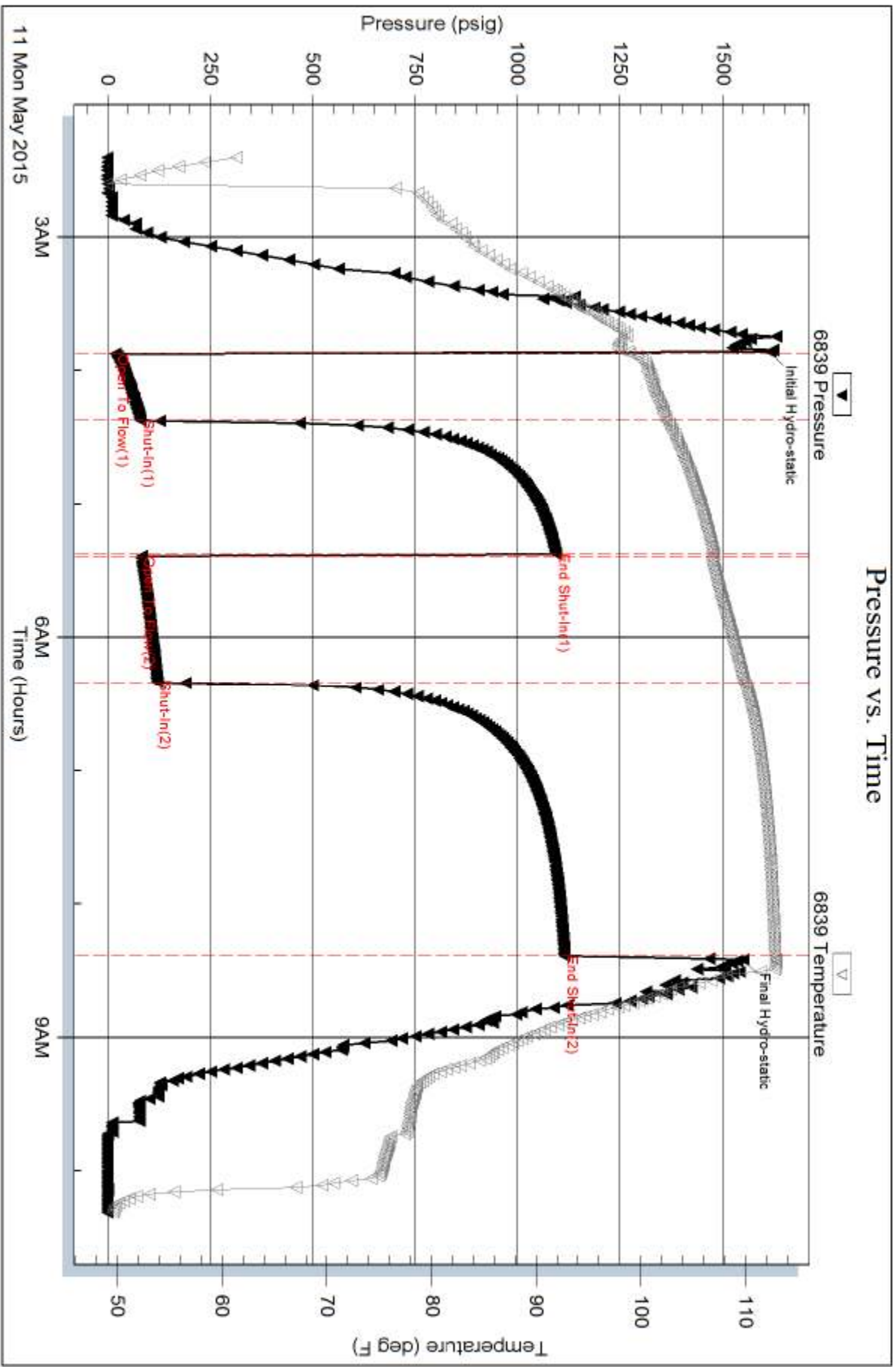
Length ft	Description	Volume bbl
40.00	GOCM gas 10% Oil 10% Muid 80%	0.197
262.00	Clean gassy oil 100%	2.370
0.00	120 gas in pipe.	0.000

Total Length: 302.00 ft      Total Volume: 2.567 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: Gravity of oil 41 corrected

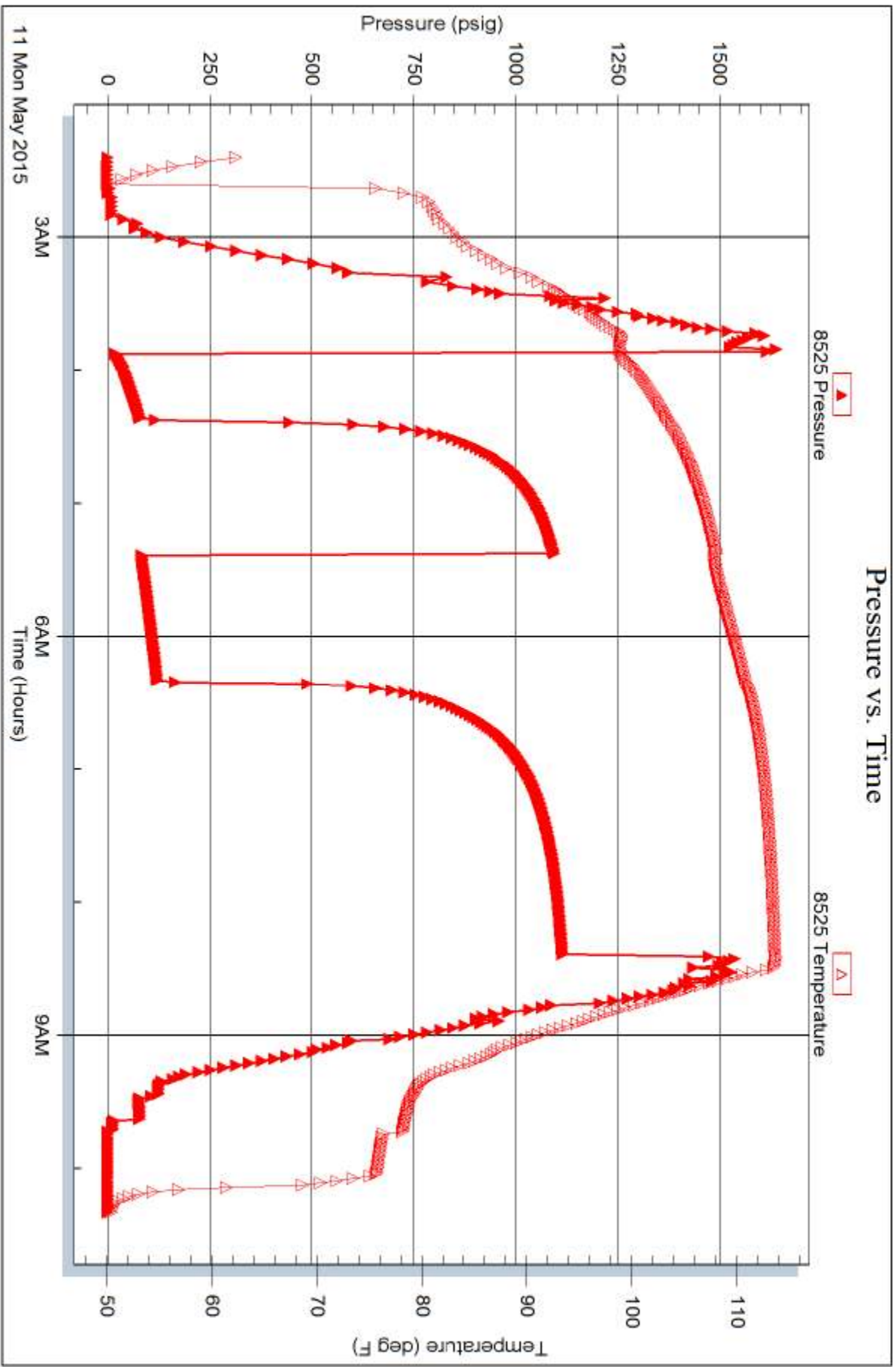


Serial #: 8525

Outside CMX Inc.

Bushion #1-36

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 62890

Printed: 2015.05.12 @ 16:13:37



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62885

Well Name & No. Bushton 1-36 Test No. 1 Date 5-7-15  
 Company CMX Inc Elevation 1762 KB 1749 GL  
 Address 1700 N Waterfront PKWY BLDG 300B WICHITA, KS 67206  
 Co. Rep / Geo. Ken Leblon Rig Duke Drilling Rig #17  
 Location: Sec. 36 Twp. 17 Rge. 10W Co. Ellsworth State KS

Interval Tested 2463-2520 Zone Tested severy sand  
 Anchor Length 57 Drill Pipe Run 2288 Mud Wt. 9.2  
 Top Packer Depth 2458 Drill Collars Run 183.23 Vis 50  
 Bottom Packer Depth 2463 Wt. Pipe Run \$2,000 WL 11.0  
 Total Depth 2520 Chlorides 79,000 ppm System LCM 0

Blow Description 1st open - BOB in 3 min  
1st shut in - No blow back  
2nd open - BOB in 4 min  
2nd shut in -

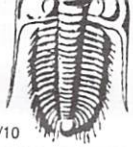
Rec	Feet of	%gas	%oil	%water	%mud
<del>170</del> <u>60</u>	<u>mud</u>			<u>100</u>	
	<u>muddy water</u>				

Rec Total 230 BHT \_\_\_\_\_ Gravity 1050 API RW 5 @ 56 °F Chlorides 79,000 ppm  
 (A) Initial Hydrostatic 1192  Test \_\_\_\_\_ T-On Location 8:30 am  
 (B) First Initial Flow 84  Jars \_\_\_\_\_ T-Started 10:05 am  
 (C) First Final Flow 121  Safety Joint 75 T-Open 12:00 pm  
 (D) Initial Shut-In 815  Circ Sub \_\_\_\_\_ T-Pulled 3:30  
 (E) Second Initial Flow 105  Hourly Standby \_\_\_\_\_ T-Out 5:15  
 (F) Second Final Flow 145  Mileage 65 55 Comments \_\_\_\_\_  
 (G) Final Shut-In 783  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1150  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1180 MP/DST Disc't \_\_\_\_\_

Initial Open 45  
 Initial Shut-In 60  
 Final Flow 45  
 Final Shut-In 60  
 Approved By \_\_\_\_\_ Our Representative Dustin Ellis

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62886

Well Name & No. Bushton 1-36 Test No. 2 Date 5-8-15  
 Company CMX Inc. Elevation 1762 KB 1749 G  
 Address 1700 N waterfront PKWY BLDG 300B Wichita KS 67208  
 Co. Rep / Geo. Ken Libon Rig Duke 7  
 Location: Sec. 36 Twp. 17 Rge. 10W Co. Ellsworth State KS

Interval Tested 2910-2930 Zone Tested Lansing B  
 Anchor Length 20 Drill Pipe Run 2733 Mud Wt. 8.9  
 Top Packer Depth 2905 Drill Collars Run 183.23 Vis 62  
 Bottom Packer Depth 2910 Wt. Pipe Run 51,000 WL 11.5  
 Total Depth 2930 Chlorides 3500 ppm System LCM 0

Blow Description 1st open - BOB in 10 sec.

1st shut in - yes blow back  
2nd open - BOB instantly.  
2nd shut in - yes blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 1421  Test 1050
- (B) First Initial Flow 29  Jars \_\_\_\_\_
- (C) First Final Flow 31  Safety Joint 75
- (D) Initial Shut-In 1101  Circ Sub \_\_\_\_\_
- (E) Second Initial Flow 20  Hourly Standby \_\_\_\_\_
- (F) Second Final Flow 17  Mileage 65 55
- (G) Final Shut-In 1094  Sampler \_\_\_\_\_
- (H) Final Hydrostatic 1395  Straddle \_\_\_\_\_
- Initial Open 30  Shale Packer \_\_\_\_\_
- Initial Shut-In 60  Extra Packer \_\_\_\_\_
- Final Flow 30  Extra Recorder \_\_\_\_\_
- Final Shut-In 60  Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_

T-On Location 12:15  
 T-Started 12:43pm  
 T-Open 1:55pm  
 T-Pulled 4:55  
 T-Out 6:16pm  
 Comments gas to surface  
20 min. on test  
open  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1180  
 MP/DST Disc't \_\_\_\_\_

Sub Total 1180

Our Representative Dustin Ellis



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62887

Well Name & No. Bushton 1-36 Test No. 3 Date 5-9-15  
 Company CMX Inc. Elevation 1762 KB 1749 GL  
 Address 1700 N waterfront Pkwy BLDG 300B Wichita 67206  
 Co. Rep / Geo. Ken Leblond Rig Duke 7  
 Location: Sec. 36 Twp. 17 Rge. 10w Co. Ellsworth State KS

Interval Tested 2975-2985 Zone Tested Lansing G.  
 Anchor Length 10 Drill Pipe Run 2790 Mud Wt. 8.9  
 Top Packer Depth 2970 Drill Collars Run 183.27 Vis 62  
 Bottom Packer Depth 2975 Wt. Pipe Run 52000 WL 11.5  
 Total Depth 2985 Chlorides 3500 ppm System LCM 0

Blow Description 1st open - BOB in 10 sec.  
1st shut-in - Yes blow back.  
2nd open - BOB in 45 sec.  
2nd shut-in - Yes blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>252</u>	<u>muddy water</u>		<u>50</u>	<u>50</u>	
<u>418</u>	<u>water</u>		<u>100</u>		

Rec Total 670 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW .4 @ 92 °F Chlorides 78,000 ppm  
 (A) Initial Hydrostatic 14172  Test 1050  
 (B) First Initial Flow 69  Jars \_\_\_\_\_  
 (C) First Final Flow 146  Safety Joint 75  
 (D) Initial Shut-In 953  Circ Sub \_\_\_\_\_  
 (E) Second Initial Flow 165  Hourly Standby \_\_\_\_\_  
 (F) Second Final Flow 281  Mileage 65 55  
 (G) Final Shut-In 952  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 14174  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1180

T-On Location 1:30 am  
 T-Started 1:55 am  
 T-Open 3:02 am  
 T-Pulled 6:47 pm  
 T-Out 9:00 am  
 Comments Gas fo surfac in 5 min.  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1180  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Dustin Ellis

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62888

Well Name & No. Buston 1-36 Test No. 4 Date 5-9-15  
 Company CMX Inc. Elevation 1762 KB 1749 GL  
 Address 1700 N waterfront Pkwy BLDG 300 B Wichita KS 67206  
 Co. Rep / Geo. Ken Leblanc Rig Duke 7  
 Location: Sec. 36 Twp. 17 Rge. 10w Co. Ellsworth State KS

Interval Tested 3075-3100 Zone Tested Lansing J  
 Anchor Length 25 Drill Pipe Run 2887 Mud Wt. 9  
 Top Packer Depth 3070 Drill Collars Run 183.23 Vis 52  
 Bottom Packer Depth 3075 Wt. Pipe Run 52,000 WL 1162  
 Total Depth 3100 Chlorides 4,500 ppm System LCM G

Blow Description 1st open - weak blow built to 3 inches.  
1st shut in - No blow back  
2nd open - Dead Flushed tool weak surface blow  
2nd shut in - No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>78</u>	<u>very slight oil spotted mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 78 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 (A) Initial Hydrostatic 1509  Test 1050 T-On Location 5:30 pm  
 (B) First Initial Flow 25  Jars \_\_\_\_\_ T-Started 6:05 pm ✖  
 (C) First Final Flow 42  Safety Joint 75 T-Open 7:25 pm  
 (D) Initial Shut-In 847  Circ Sub \_\_\_\_\_ T-Pulled 10:25 pm  
 (E) Second Initial Flow 50  Hourly Standby \_\_\_\_\_ T-Out 11:45 pm  
 (F) Second Final Flow 69  Mileage 65 <sup>55</sup> Comments \_\_\_\_\_  
 (G) Final Shut-In 782  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1341  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1180  
 Sub Total 1180  
 Total 1180  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Justin Ellis

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62889

Well Name & No. Bushman 1-36 Test No. 5 Date 5-10-15  
 Company CMX Inc Elevation 1762 KB 1749 GL  
 Address 1700 W waterfront PKWY BHD6 300B Wichita KS 67206  
 Co. Rep / Geo. Ken Leblanc Rig Duke 17  
 Location: Sec. 36 Twp. 17 Rge. 10W Co. Ellsworth State KS

Interval Tested 3170-3244 Zone Tested conglomerate - Arbuckle  
 Anchor Length 74 Drill Pipe Run 2988 Mud Wt. 9.1  
 Top Packer Depth 3165 Drill Collars Run 183.23 Vis 60  
 Bottom Packer Depth 3170 Wt. Pipe Run 55000 WL 11  
 Total Depth 3244 Chlorides 4500 ppm System LCM 0

Blow Description 1st open - weak blow built to 1 1/2 inches.  
1st shut in - No blow back.  
2nd open - Dead. Flushed tool very weak surface blow.  
2nd shut in - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>clean oil</u>	<u>100</u>			
<u>12</u>	<u>oil cut mud</u>	<u>1</u>		<u>99</u>	

Rec Total 15 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

- (A) Initial Hydrostatic 1597
- (B) First Initial Flow 51
- (C) First Final Flow 57
- (D) Initial Shut-In 939
- (E) Second Initial Flow 61
- (F) Second Final Flow 68
- (G) Final Shut-In 942
- (H) Final Hydrostatic 1485

- Test 1050
- Jars \_\_\_\_\_
- Safety Joint 75
- Circ Sub \_\_\_\_\_
- Hourly Standby \_\_\_\_\_
- Mileage 65 <sup>55</sup>
- Sampler \_\_\_\_\_
- Straddle \_\_\_\_\_
- Shale Packer \_\_\_\_\_
- Extra Packer \_\_\_\_\_
- Extra Recorder \_\_\_\_\_
- Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_
- Sub Total 1180

T-On Location 1:45pm  
 T-Started 2:20pm  
 T-Open 4:03pm  
 T-Pulled 7:03pm  
 T-Out 8:30pm

Comments \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1180  
 MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60

Approved By \_\_\_\_\_ Our Representative Dustin Ellis

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62890

Well Name & No. Bushton 1-36 Test No. 6 Date 5-11-15  
 Company CMT Inc. Elevation 1762 KB 1749 GL  
 Address 1700 N waterfront Pkwy BLDG 300B Wichita KS 67206  
 Co. Rep / Geo. Ken Leblom Rig Duke 17  
 Location: Sec. 36 Twp. 17 Rge. 100 Co. Ellsworth State Ks

Interval Tested 3242 - 3251 Zone Tested Arbuckle  
 Anchor Length 9 Drill Pipe Run 3055 Mud Wt. 9.1  
 Top Packer Depth 3237 Drill Collars Run 183.23 Vis 60  
 Bottom Packer Depth 3242 Wt. Pipe Run 55,000 WL 11.0  
 Total Depth 3251 Chlorides 4500 ppm System LCM 0

Blow Description 1st open - BOB in 26 min.  
1st shut in - No blow back.  
2nd open - BOB in 23 min.  
2nd shut in - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>gassy oil cut mud</u>	<u>10</u>	<u>10</u>	<u>80</u>	
<u>262</u>	<u>clean gassy oil</u>	<u>10</u>	<u>90</u>		

Rec Total 362 BHT \_\_\_\_\_ Gravity 41 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1614  Test 1050 T-On Location 200 cm  
 (B) First Initial Flow 18  Jars \_\_\_\_\_ T-Started 2:23 am  
 (C) First Final Flow 79  Safety Joint 75 T-Open 3:52 am  
 (D) Initial Shut-In 1093  Circ Sub \_\_\_\_\_ T-Pulled 8:22 am  
 (E) Second Initial Flow 82  Hourly Standby \_\_\_\_\_ T-Out 10:20  
 (F) Second Final Flow 120  Mileage 65 55 Comments 120 gas  
 (G) Final Shut-In 1114  Sampler \_\_\_\_\_ in pipe  
 (H) Final Hydrostatic 1549  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1180  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1180

Approved By \_\_\_\_\_ Our Representative Rustin Ellis

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.